

Superior Solutions

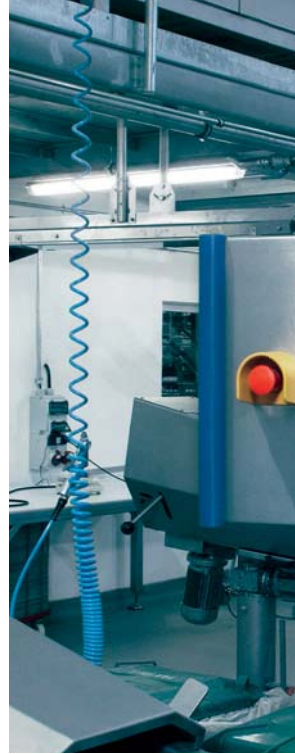
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- Power metering and monitoring to add intelligence and save costs
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 - Automotive industry
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-
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 - Wind
 - Hydropower
 - Traditional energy:
 - Oil
 - Gas
 - Smart grid
 - Water and waste water
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 - Network power grid technology for intelligent data, lower costs and crew / public safety



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We deliver:

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- **Aerospace solutions** that make aircraft lighter, safer and less costly to operate, and help airports operate more efficiently
- **Vehicle drivetrain and powertrain solutions** that deliver more power to cars, trucks and buses, while reducing fuel consumption and emissions

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IZM6 Series Air Circuit Breakers



IZM6 Series Air Circuit Breakers

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IZM6 Series Air Circuit Breakers

Product description

The IZM6 series circuit breakers are a new generation of high-performance air circuit breakers with sophisticated technology and comprehensive functions, offering safety and reliability.

The circuit breakers are suitable for use in electrical distribution networks with AC 50Hz/60Hz, rated operating voltage up to 690V, and rated operating current of 4000A and below, to provide functions such as measurement, diagnosis, analysis and communication, precise selective protection and power monitoring.

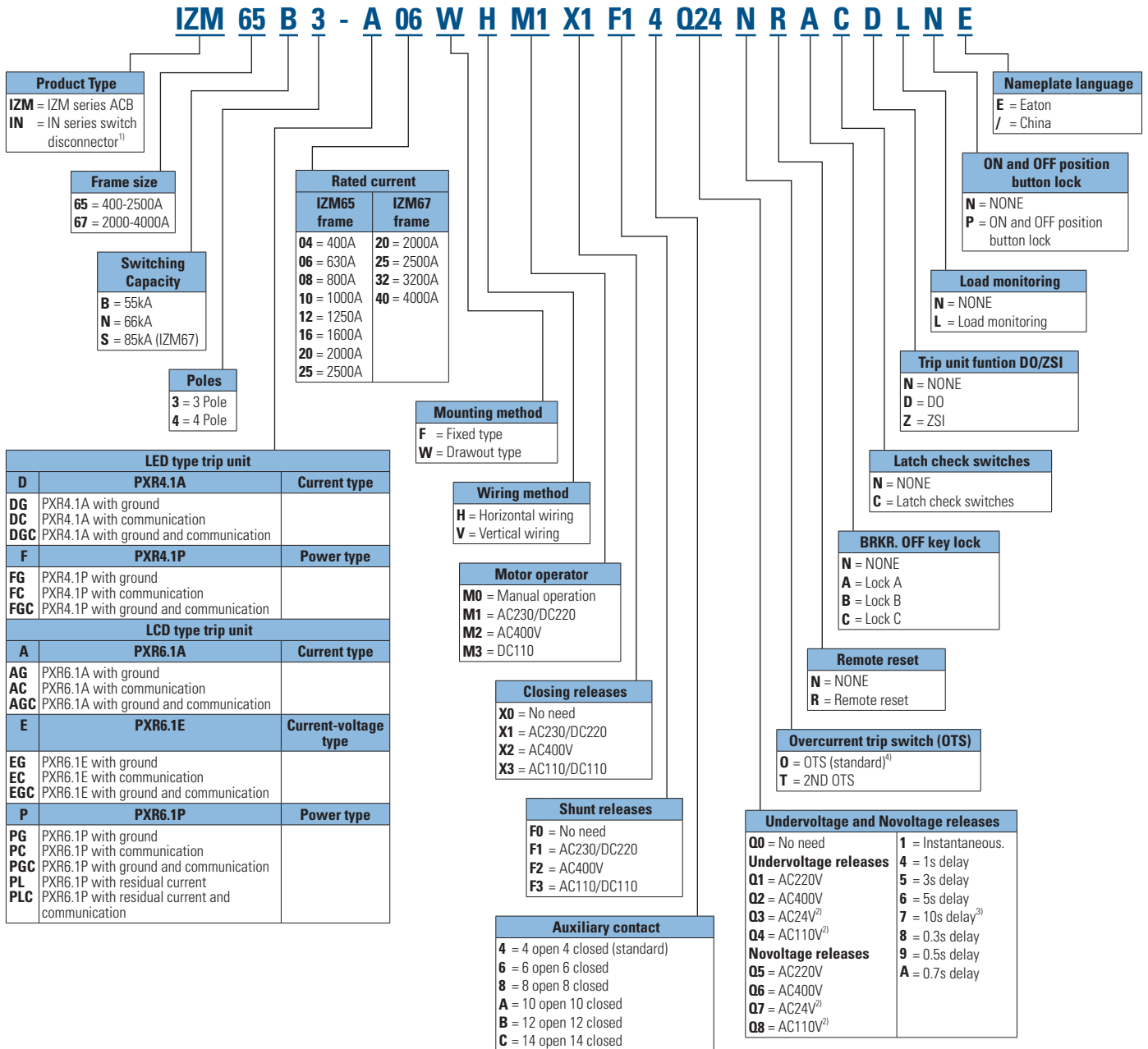
The circuit breaker complies with below standards:

IEC 60947-1 and GB14048.1	Low-voltage switchgear and control equipment: General
IEC 60947-2 and GB14048.2	Low-voltage switchgear and control equipment: Low voltage circuit breaker
IEC 60947-4-1 and GB14048.4	Low-voltage switchgear and control equipment: Contactor and motor starter
GB/T 14597	Climatic environmental conditions at different altitudes for electrical products
GB/T 2421.1	Environmental testing of electrical and electronic products: Overview and guidelines
GB/T 20626.1	Plateau electrical and electronic products for special environmental conditions Part 1: General technical requirements
GB/T 2423.1	Environmental testing of electrical and electronic products Part 2: Test method - Test A: Low temperature
GB/T 2423.2	Environmental testing of electrical and electronic products Part 2: Test method - Test B: High temperature
GB/T 2423.4	Environmental testing of electrical and electronic products Part 2: Test method - Test Db: Alternating damp heat test method
GB/T 2423.17	Environmental testing of electrical and electronic products Part 2: Test method - Test Ka: Salt mist
GB/T 2423.18-2000	Environmental testing of electrical and electronic products Part 2: Test method - Test Kb: Salt mist, alternating (sodium chloride solution)

IZM6 Series Air Circuit Breakers

Model Description

IZM6 Air Circuit Breakers Catalog Number (Full configuration)



Notes: ¹⁾ The IN65/67 is an isolated circuit breaker that removes the IZM65/67 circuit breaker from the PXR series of trip unit in accordance with the requirements of Annex L of GB/T14048.2-2020/IEC 60947-2, and the remaining configurations are consistent with the standard circuit breakers.

²⁾ Not launch.

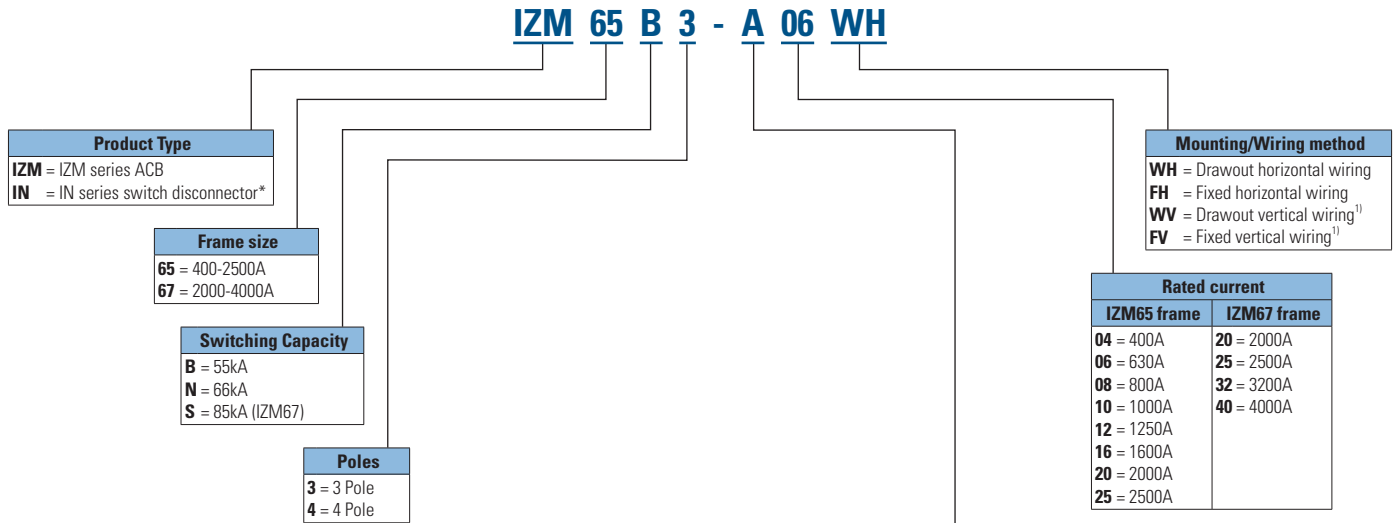
³⁾ Only undervoltage coils are supported.

⁴⁾ Default configuration.

The circuit breaker is equipped with a power supply module as standard.

Before purchasing the catalog number on this page, please contact EATON for the article number.

IZM6 Air Circuit Breakers Catalog Number (Standard configuration)



LED type trip unit		
D	PXR4.1A	Current type
DG	PXR4.1A with ground	
DC	PXR4.1A with communication	
DGC	PXR4.1A with ground and communication	
F	PXR4.1P	Power type
FG	PXR4.1P with ground	
FC	PXR4.1P with communication	
FGC	PXR4.1P with ground and communication	
LCD type trip unit		
A	PXR6.1A	Current type
AG	PXR6.1A with ground	
AC	PXR6.1A with communication	
AGC	PXR6.1A with ground and communication	
E	PXR6.1E	Current-voltage type
EG	PXR6.1E with ground	
EC	PXR6.1E with communication	
EGC	PXR6.1E with ground and communication	
P	PXR6.1P	Power type
PG	PXR6.1P with ground	
PC	PXR6.1P with communication	
PGC	PXR6.1P with ground and communication	
PL	PXR6.1P with residual current	
PLC	PXR6.1P with residual current and communication	

Drawout type

Devices are equipped as standard: Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4a4b), PXR series intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, terminal block, 220VAC/DC to DC24V power supply module, safety shutter, arc extinguishing cover, and handle.

Fixed type

Devices are equipped as standard: Fixed circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4a4b), PXR series intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, terminal block, 220VAC/DC to DC24V power supply module, arc extinguishing cover, and handle.

Notes: *The IN65/67 is an isolated circuit breaker that removes the IZM65/67 circuit breaker from the PXR series of trip unit in accordance with the requirements of Annex L of GB/T14048.2-2020/IEC 60947-2, and the remaining configurations are consistent with the standard circuit breakers.

¹⁾ Only IZM67 are supported.

For power supply input voltages, see IZM6 Operation Manual.

The circuit breaker is equipped with a power supply module as standard.

IZM6 Series Air Circuit Breakers

External Structure

Drawout type



1. Secondary terminal wiring nameplate
2. Intelligent controller
3. Data nameplate
4. Support
5. Power supply module
6. Secondary terminal
7. Cassette
8. Fault trip indication / reset button
9. Open button
10. Closed button
11. Manual charging handle
12. "Release" / "Charging" indication
13. Open/Closed indication
14. Unlock button
15. Disconnected position locking device
16. Ground bolt

Fixed type



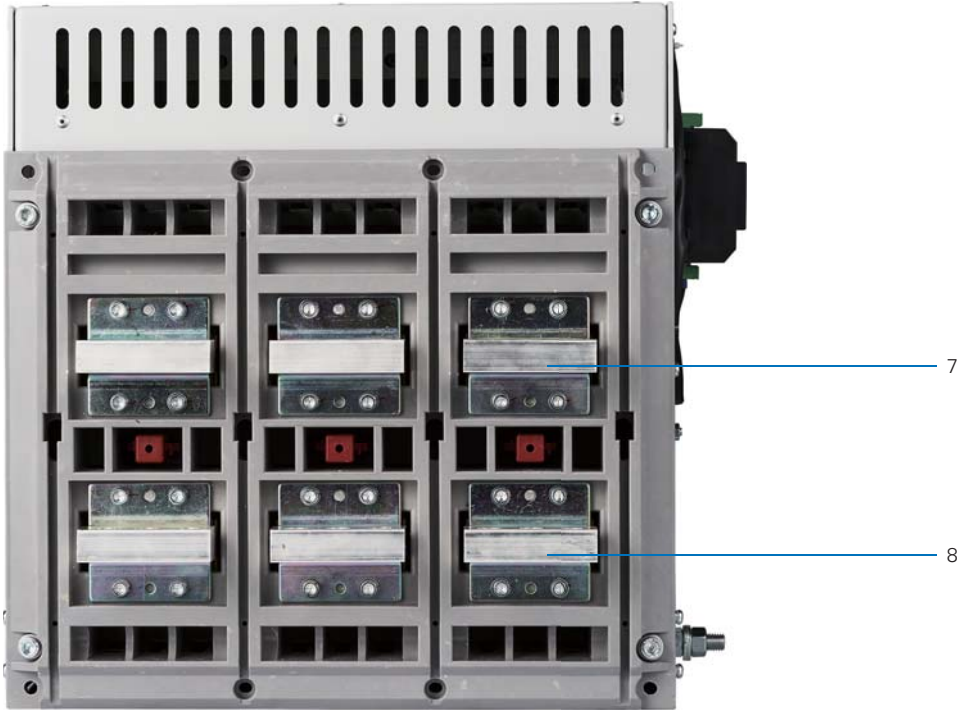
IZM6 Series Air Circuit Breakers

External Structure

Cassette



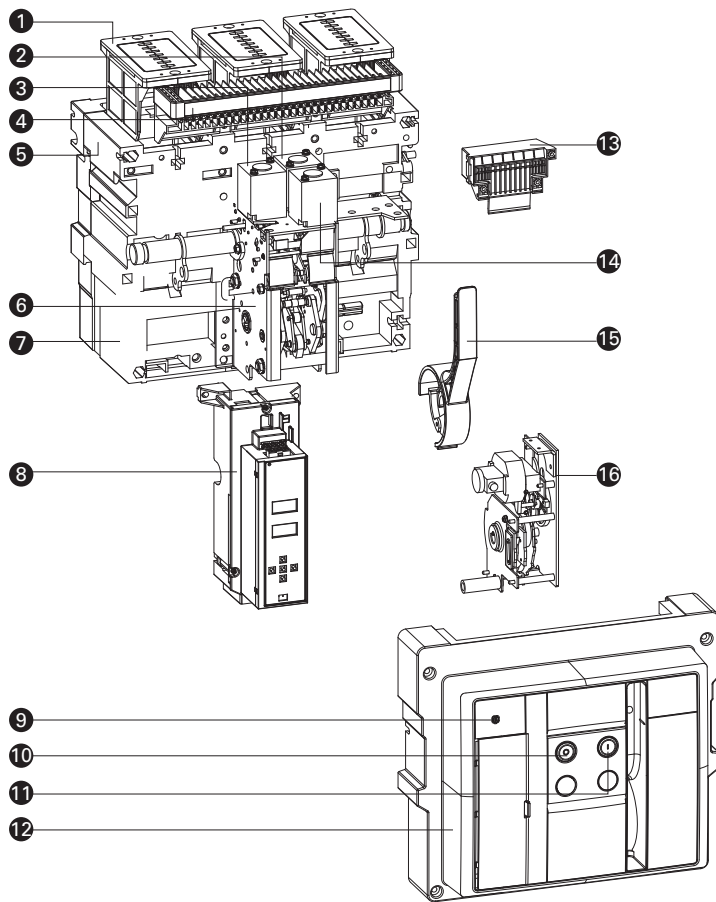
1. Secondary terminal
2. Lever storage position
3. 3-cell switch
4. Lever driving position
5. Unlock button
6. Disconnected position locking device
7. Upper wiring terminal
8. Lower wiring terminal



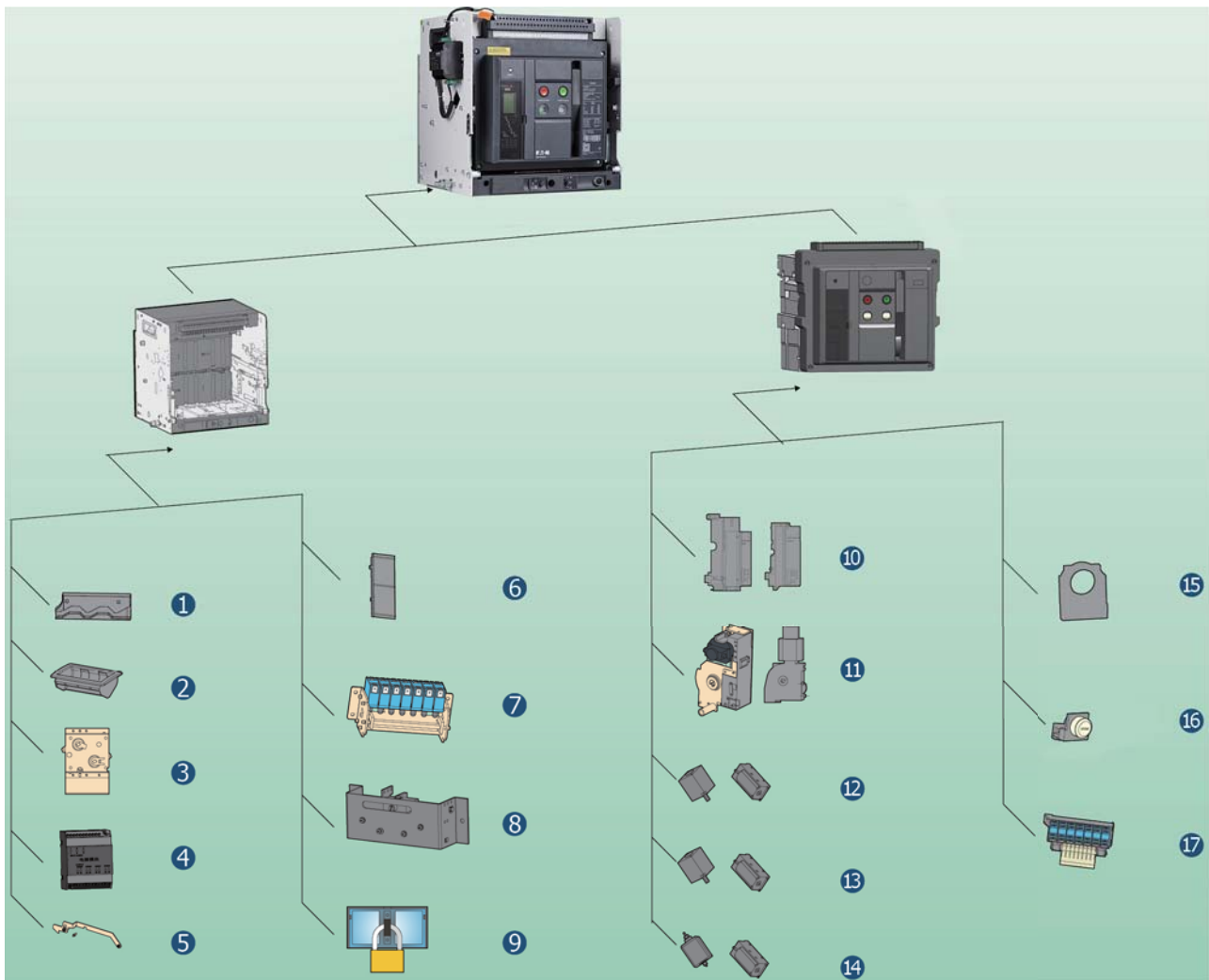
IZM6 Series Air Circuit Breakers

Internal Structure

Internal structure



- ① Arc chamber
- ② Shunt coil
- ③ Under voltage coil
- ④ Secondary terminal
- ⑤ Delivery handle
- ⑥ Operating mechanism
- ⑦ Basic device
- ⑧ Intelligent controller
- ⑨ Reset button
- ⑩ Open button
- ⑪ Closed button
- ⑫ Cover
- ⑬ Auxiliary contact
- ⑭ Closing coil
- ⑮ Charging handle
- ⑯ Charging motor



IZM6 series

- | | | | |
|-----------------------------------|-------------------------------|----------------------------------|-----------------------|
| 1. Locator | 6. Inter-phase partition | 11. Charging motor | 16. OFF position lock |
| 2. Shroud | 7. External auxiliary contact | 12. Shunt coil | 17. Auxiliary contact |
| 3. Mechanical interlocking | 8. Position indicator | 13. Under (no) voltage trip unit | |
| 4. Power supply module | 9. Button lock | 14. Closing coil | |
| 5. Door interlocking (Not launch) | 10. Intelligent controller | 15. External transformer | |

IZM6 Series Air Circuit Breakers

Key Technical Data and Performance Indicators

Key Technical Data and Performance Indicators



IZM65-2500



IZM67-4000

Standard		IEC/EN 60947		IEC/EN 60947		
Certificate		CCC.CB		CCC.CB		
RoHS		RoHS		RoHS		
Rated peak withstand voltage (U_{imp})		12kV		12kV		
Rated insulation voltage (U_i)		1250V		1250V		
Rated voltage (U_e)		440, 690V		440, 690V		
Ambient temperature	Storage	-40°C~+85°C		-40°C~+85°C		
	Operation	-25°C~+70°C		-25°C~+70°C		
Frequency		50/60Hz		50/60Hz		
Application category		B		B		
Protection level		IP20		IP20		
Over voltage category		IV (main circuit)		IV (main circuit)		
Pollution degree		III		III		
Power supply incoming direction		Upper or lower incoming, subject to specific need (no derating for upper and lower wiring)				
Frame current		2500A		4000A		
Rated current (I_n)		400A, 630A, 800A, 1000A, 1250A, 1600A, 2000A, 2500A		2000A, 2500A, 3200A, 4000A		
Circuit breaker model		B	N	B	N	S
Rated ultimate short circuit breaking capacity (I_{cu} , kA)	440V	55	66	55	66	85
	690V	55	66	55	66	85
Rated operational short circuit breaking capacity (I_{cs} , kA)	440V	55	66	55	66	85
	690V	55	66	55	66	85
Rated short time withstand current (I_{csw} , kA)	1s	55	66	55	66	85
	3s	32	50	32	50	-
Rated short circuit making capacity (I_{cm} , kA)	440V	121	145	121	145	187
	690V	121	145	121	145	187
Operating delays (ms)	Opening delay	25		25		
	Closing delay	60		60		
Durability and mounting characteristics						
Lifespan	Mechanical, w/o maintenance	10000		10000		
	Mechanical, w/maintenance	20000		20000		
	Electrical, w/o maintenance	8000		6500		
Maximum operating frequency (Operations/h)		60		60		
Dimensions (H x W x D, mm)	Fixed type, 3-pole	393 x 422 x 290		393 x 422 x 290		
	Fixed type, 4-pole	393 x 537 x 290		393 x 537 x 290		
	Drawout type, 3-pole	430 x 407 x 395		430 x 407 x 395		
	Drawout type, 4-pole	430 x 522 x 395		430 x 522 x 395		
Weight (kg)	Fixed type, 3-pole / 4-pole	75Kg (3P) / 85Kg (4P)		85Kg (3P) / 95Kg (4P)		
	Drawout type, 3-pole / 4-pole	100Kg (3P) / 110Kg (4P)		126Kg (3P) / 136Kg (4P)		

Notes: The IN65/67 is an isolated circuit breaker that removes the IZM65/67 circuit breaker from the PXR series of trip unit in accordance with the requirements of Annex L of GB/T14048.2-2020/IEC 60947-2, and the remaining configurations are consistent with the standard circuit breakers. The IN65/67 is used in conjunction with an external protection relay (maximum delay of 400ms) to achieve a breaking capability (at U_e) to the I_{csw} (1 second).

Technical Features

Controller

The intelligent controller, a key element of the circuit breaker, offers basic protections such as overload, short circuit, and grounding. It can also protect against over voltage fault, under voltage fault, frequency fault, phase sequence fault, and current imbalance fault.

Controller type



Display type	LED display	LED display	LCD display	LCD display	LCD display
Ordering code	D	F	A	E	P
Mode	Ammeter mode	Power mode	Ammeter mode	Current-voltage mode	Power mode
Model	PXR4.1A	PXR4.1P	PXR6.1A	PXR6.1E	PXR6.1P
	<ul style="list-style-type: none"> • LED display • Current measurement • Overload long Delay time protection • Short circuit short delay time protection • Short circuit instantaneous protection • Ground fault protection (optional) • Current imbalance protection • Thermal memory • Contact wear indicator • Simulated trip function • Fault trip output • MCR • Self-diagnosis • Communication (optional) 	<ul style="list-style-type: none"> • LED display • Current measurement • Overload long delay time protection • Short circuit short delay time protection • Short circuit instantaneous protection • Ground fault protection (optional) • Current imbalance protection • Thermal memory • Voltage protection • Power measurement • Frequency measurement • Contact wear indicator • Simulated trip function • Fault trip output • MCR • Self-diagnosis • Communication (optional) 	<ul style="list-style-type: none"> • LCD display • Current measurement • Overload long delay time protection • Short circuit short delay time protection • Short circuit instantaneous protection • Ground fault protection (optional) • Current imbalance protection • Thermal memory • Contact wear indicator • Simulated trip function • Fault trip output • MCR • Self-diagnosis • Communication (optional) 	<ul style="list-style-type: none"> • LCD display • Current and voltage measurement • Overload long delay time protection • Short circuit short delay time protection • Short circuit instantaneous protection • Ground fault protection (optional) • Current imbalance protection • Thermal memory • Voltage protection • Frequency measurement • Contact wear indicator • Simulated trip function • Fault trip output • MCR • Self-diagnosis • Communication (optional) 	<ul style="list-style-type: none"> • LCD display • Current and voltage measurement • Overload long delay time protection • Short circuit short delay time protection • Short circuit instantaneous protection • Ground fault protection (optional) • Residual current protection (optional) • Current imbalance protection • Thermal memory • Voltage protection • Demand protection • Reverse power protection • Energy measurement • Power measurement • Frequency measurement • Contact wear indicator • Simulated trip function • Fault trip output • MCR • Self-diagnosis • Communication (optional)

IZM6 Series Air Circuit Breakers

Intelligent Controller

Controller function

Trip unit model		PXR4.1A	PXR4.1P
Trip unit model selection code		D	F
Display interface	LED number and symbol display	✓	✓
Basic protections	Overload long delay time protection (multi-curve)	✓	✓
	Short circuit short delay time protection	✓	✓
	Short circuit instantaneous protection	✓	✓
	Ground protection	Optional	Optional
Other protections	Overload thermal memory	✓	✓
	Short delay thermal memory	✓	✓
	Neutral phase protection (4P)	✓	✓
	Current imbalance	✓	✓
	MCR	✓	✓
	Load monitoring	Optional	Optional
Advanced protections	Under/over voltage protection	–	✓
	Phase sequence protection	–	✓
	Under/over frequency protection	–	✓
	Zone selective interlocking	–	–
Measurement	Current measurement (phase pole, N pole, ground)	✓	✓
	Voltage measurement (phase voltage, line voltage)	–	✓
	Frequency measurement	–	✓
	Power measurement (active power)	–	✓
	Power factor measurement	–	✓
	Energy measurement (active energy)	–	✓
Maintenance	LED fault status indication	✓	✓
	Fault record and query (only the last time)	✓	✓
	Fault trip signal output	✓	✓
	Self-diagnosis function	✓	✓
	Simulated trip test function	✓	✓
	Contact wear equivalent (alarm)% query	✓	✓
	Number of operations query	✓	✓
Others	Clock function	✓	✓
	Signal unit 4DO (programmable)	Optional	Optional
	Communication (Modbus-RTU)	Optional	Optional

“✓” = The function is available; “–” = The function is not available;
For optional functions, please contact local Eaton sales representatives.

Controller function (continued)

Trip unit model		PXR6.1A	PXR6.1E	PXR6.1P	
Trip unit model selection code		A	E	P	
Display interface	LCD number and symbol display	✓	✓	✓	
Basic protections	Overload long delay time protection (multi-curve)	✓	✓	✓	
	Short circuit short time protection	✓	✓	✓	
	Short circuit instantaneous protection	✓	✓	✓	
	Ground protection	Optional	Optional	Optional	
	Residual current protection	–	–	Optional	
Other protections	Overload thermal memory	✓	✓	✓	
	Short delay thermal memory	✓	✓	✓	
	Neutral phase protection (4P)	✓	✓	✓	
	Current imbalance and phase loss protection	✓	✓	✓	
	MCR	✓	✓	✓	
	Load monitoring ¹⁾	Optional	Optional	Optional	
Advanced protections	Under/over voltage protection	–	✓	✓	
	Voltage imbalance protection	–	✓	✓	
	Phase sequence protection	–	✓	✓	
	Under/over frequency protection	–	✓	✓	
	Demand protection (current, power)	–	–	✓	
	Inverse power protection	–	–	✓	
	Zone selective interlocking ¹⁾	Optional	Optional	Optional	
Measurement	Current measurement (phase pole, N pole, ground)	✓	✓	✓	
	Voltage (phase voltage, line voltage, voltage imbalance)	–	✓	✓	
	Phase sequence detection	–	✓	✓	
	Frequency measurement	–	✓	✓	
	Power measurement (active, reactive, apparent)	–	–	✓	
	Power factor measurement	–	–	✓	
	Energy measurement (active, reactive, apparent)	–	–	✓	
	Demand measurement (current, power)	–	✓ (only current)	✓	
Maintenance	LED fault status indication	✓	✓	✓	
	Fault record (8) and query	✓	✓	✓	
	Historical peak current record	✓	✓	✓	
	Alarm history record query	✓	✓	✓	
	Displacement record	✓	✓	✓	
	Fault trip signal output	✓	✓	✓	
	Self-diagnosis function	✓	✓	✓	
	Simulation trip test function	✓	✓	✓	
	Contact wear equivalent (alarm)% query	✓	✓	✓	
	Number of operations query	✓	✓	✓	
	Clock function	✓	✓	✓	
		Signal unit 4DO (programmable) ¹⁾	Optional	Optional	Optional
		Communication (Modbus-RTU)	Optional	Optional	Optional

“✓” = The function is available;
“–” = The function is not available;

For optional functions, please contact local Eaton sales representatives.

¹⁾ For ordering information, please contact local Eaton sales representative.

IZM6 Series Air Circuit Breakers

Intelligent Controller

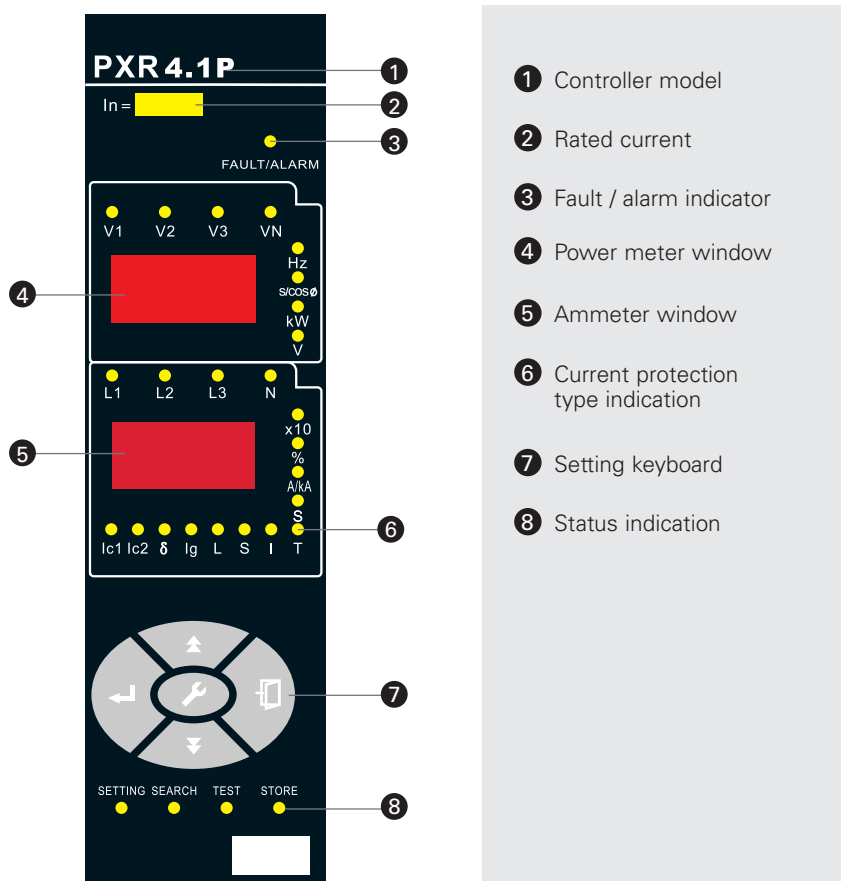
PXR4.1A/PXR4.1P Intelligent Trip Unit

4.1A Basic functions

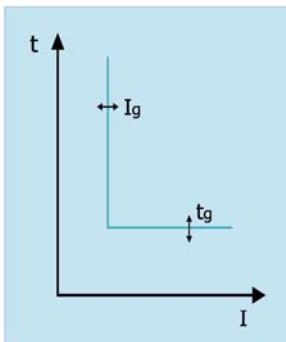
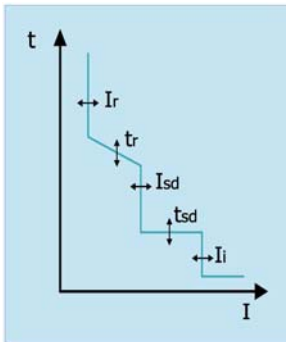
- Overload long delay time, short circuit short delay time, short circuit instantaneous protection
- Ground protection (optional)
- Current measurement
- Functional test
- Fault memory
- Thermal memory
- Self-diagnosis
- Fault status indication and numerical display
- Signal contact output
- MCR
- Load monitoring (optional)
- Contact wear indication
- Communication function (optional)

4.1P Add-on functions

- Voltage measurement
- Power measurement
- Energy measurement
- Frequency measurement
- Voltage protection



PXR4.1A/PXR4.1P



		PXR4.1A	PXR4.1P
Ordering code		D	F
Display type		LED	LED
Long delay protection (L)			
Long delay set point (Tolerance: 10%)	$(I_l) \times I_n$	0.4-1+OFF (Step is 1A or 2A)	
Curve type		I^2t curve	
Long delay time (Tolerance: 15%)	$t_r (6 \times I_l)$	0.5, 1, 1.9, 3.8, 7.5, 15, 22.5, 30, 37.5, 45, 52.5, 60	
Long delay time (Tolerance: 15%)	$t_r (1.5 \times I_l)$	8, 15, 30, 60, 120, 240, 360, 480, 600, 720, 840, 960	
Long delay time (Tolerance: 15%)	$t_r (7.2 \times I_l)$	0.35, 0.65, 1.3, 2.6, 5.21, 10.42, 15.63, 20.83, 26.04, 31.25, 36.46, 41.67	
Short delay protection (S)			
Short delay set point (Tolerance: 10%)	$I_{sd} \times I_r$	1.5-15+OFF (Step is 1A or 2A)	
Curve type		I^2t curve	
Short delay time (t_{sd}) (Tolerance: 15%)	Fixed time	0.1, 0.2, 0.3, 0.4+OFF	
Short delay time (t_{sd}) (Tolerance: 15%)	Inverse time $I^2t/10 (6 \times I_l)$	0.05, 0.1, 0.19, 0.38, 0.75, 1.5, 2.25, 3, 3.75, 4.5, 5.25, 6	
Short delay time (t_{sd}) (Tolerance: 15%)	Inverse time $I^2t/10 (1.5 \times I_l)$	0.8, 1.5, 3, 6, 12, 21, 36, 48, 60, 72, 84, 96	
Short delay time (t_{sd}) (Tolerance: 15%)	Inverse time $I^2t/10 (7.2 \times I_l)$	0.035, 0.065, 0.13, 0.26, 0.521, 1.042, 1.563, 2.083, 2.604, 3.125, 3.646, 4.167	
Instantaneous protection (I)			
Instantaneous protection set point (Tolerance: 15%)	$I_i \times I_n$	11 I_n -15 I_n +OFF (Step is 1A or 2A)	
Ground fault protection (G)			
Ground fault protection set point (A) (Tolerance: 10%)	$\times I_n$	0.2-1+OFF (Step is 1A or 2A)	
Ground fault protection set point (A) (Tolerance: 10%)	$I_g \times I_n$	0.2-1+OFF (Step is 1A or 2A)	
Ground fault delay time (t_g) (Tolerance: 10%) (Inherent tolerance: 40ms)	I_{tg}	0.1-0.5s (Step is 0.1s)	
Ground fault delay time (t_g) $t = I^2t @ 0.625 (t_g)$ (Tolerance: 10%)		0.1-0.5s (Step is 0.1s)	
Under voltage protection ¹⁾			
Under voltage protection set point (Tolerance: 10%)		N/A	10% U_n -70% U_n +OFF (Step is 1V)
Under voltage protection delay time (Tolerance: 10%) (Inherent tolerance: 40ms)		N/A	0.2-60s (Step is 0.1s or 1s)
Over voltage protection ¹⁾			
Over voltage protection set point (Tolerance: 10%)		N/A	110% U_n -130% U_n +OFF (Step is 1V)
Over voltage protection delay time (Tolerance: 10%) (Inherent Tolerance: 40ms)		N/A	0.2-60s (Step is 0.1s or 1s)

¹⁾ Voltage protection of Phase A, B, C and N is connected to terminals with the maximum voltage of 400V. If above 400V, a voltage module is needed.

IZM6 Series Air Circuit Breakers

Intelligent Controller

PXR6.1A / PXR6.1E / PXR6.1P

6.1A Basic functions

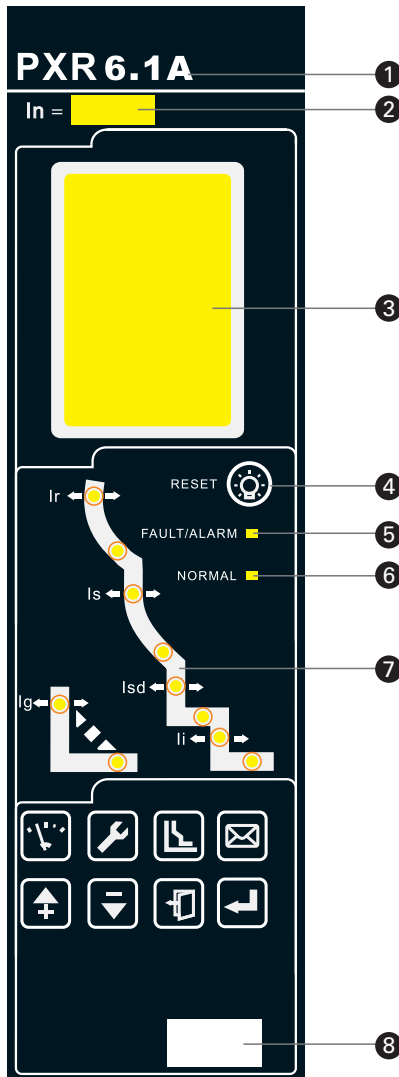
- Overload long delay time, short circuit short delay time, short circuit instantaneous protection
- Ground protection (optional)
- Communication function (optional)
- Current measurement
- Functional test
- Fault memory
- Thermal memory
- Self-diagnosis
- Fault status indication and numerical display
- Signal contact output
- MCR
- Load monitoring (optional)
- Contact wear indication

6.1E Add-on functions

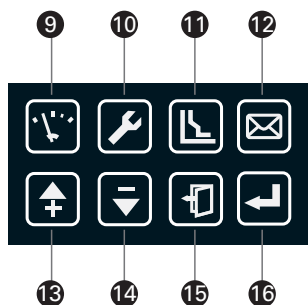
- Voltage measurement
- Over-under voltage protection
- Over frequency protection
- Under frequency protection
- Phase sequence protection
- Voltage measurement
- Voltage imbalance measurement
- Frequency measurement
- Demand measurement (current)
- Phase sequence measurement

6.1P Add-on functions

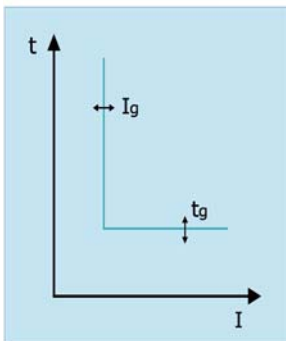
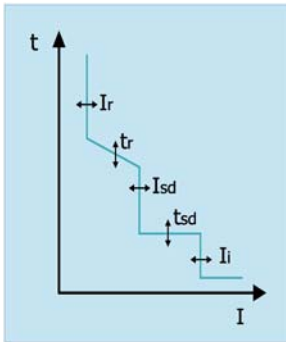
- Reverse power measurement
- Power measurement
- Energy measurement
- Power factor measurement
- Demand measurement (power)



- 1 Controller model
- 2 Rated current
- 3 LCD interface display
- 4 Fault and alarm reset button
- 5 Fault / alarm indicator
The LED light is not lit on during normal operation; the red LED light flashes quickly during a fault trip, and remains lit on in the event of an alarm
- 6 Normal status indicator
The green LED light keeps flashing when the controller is powered on and in normal operating status
- 7 Protection curve
There is a red LED indicator hidden in the curve. During a fault tripping, the corresponding LED light flashes to indicate the fault type; during protection parameter setting up, the LED light is always on to indicate the item being set
- 8 Test port
A 10-pin testing portal is available at the bottom of the front panel. A plug-in portable power source box or a detection unit can be inserted
- 9 Measurement: Function Key 1, to switch to default main menu under Measurement (which is, the Left key in the password input interface)
- 10 Set up: Function Key 2, to switch to the main menu of parameter setting up (which is, the Right key in the password input interface)
- 11 Protection: Function Key 3, to switch to the main menu of protection parameter setting up
- 12 Information: Function Key 4, to switch to the main menu of history record and maintenance
- 13 Up: Move up the menu content from the current level, or change the selected parameter up
- 14 Down: Move down the menu content from the current level, or change the selected parameter down
- 15 Exit: Exit to the previous-level menu from the current level, or cancel the selection of the current parameter
- 16 Select: Enter the next-level menu from the current level, or select the current parameter to save the modified value



PXR6.1A / PXR6.1E / PXR6.1P



Overload long delay time

Acting current set point I_r	Current tolerance $\pm 10\%$	$(0.4 - 1.0) \times I_n + \text{OFF}$ (Step is 1A or 2A)							
Acting time t_r	Current	Action time							
Tolerance $\pm 15\%$	$\leq 1.0I_r$	No action within 2 hours							
	$> 1.20I_r$	Action within 1 hour							
Curve type (I_r by default)		Setting time t_r (Coefficient K in brackets)							
Standard inverse time $t = K/(N^{0.02}-1)$	0.61 (0.005)	0.98 (1.0)	1.47 (0.012)	2.46 (0.02)	3.68 (0.03)	4.91 (0.04)	6.14 (0.05)	9.21 (0.075)	
	11.1 (0.09)	17.2 (0.14)	24.6 (0.2)	36.8 (0.3)	49.1 (0.4)	61.4 (0.5)	73.7 (0.6)	86 (0.6)	
Fast inverse time $t = K/(N-1)$	2 (1)	3.2 (1.6)	4.8 (2.4)	8 (4)	12 (6)	16 (8)	20 (10)	27 (13.5)	
	36 (18)	56 (28)	80 (40)	120 (60)	160 (80)	200 (100)	240 (120)	280 (140)	
Extremely fast inverse $t = K/(N^2-1)$	8 (10)	12.8 (16)	19.2 (24)	32 (40)	48 (60)	64 (80)	80 (100)	108 (135)	
	144 (180)	224 (280)	320 (400)	480 (600)	640 (800)	800 (1000)	960 (1200)	1040 (1300)	
Extremely fast inverse $t = (K/1.15) \times \log_e [N^2/(N^2-1.15)]$	6.22 (10)	9.96 (16)	14.9 (24)	24.9 (40)	37.3 (60)	49.8 (80)	62.2 (100)	84 (135)	
	112 (180)	174 (280)	249 (400)	373 (600)	498 (800)	622 (1000)	747 (1200)	809 (1300)	
HV fuse compatible $t = K/(N^4-1)$	2.46 (10)	3.94 (16)	5.9 (24)	9.85 (40)	14.8 (60)	19.7 (80)	24.6 (100)	33.2 (135)	
	44.3 (180)	68.9 (280)	98.5 (400)	147 (600)	197 (800)	246 (1000)	295 (1200)	320 (1300)	
IPT $t = (1.5/N)^2 \times K$	8 (8)	15 (15)	30 (30)	60 (60)	120 (120)	240 (240)	360 (360)	480 (480)	
	600 (600)	720 (720)	840 (840)	960 (960)					

Notes: $N = I/I_r$ (I is the actual fault current, I_r is the overload current set value). The above set time value is the action delay time when $I = 1.5I_r$. As the current increases, the delay time will be shortened accordingly and can be calculated to the curve formula.

Thermal memory protection Instantaneous, 10m,20m,30m,45m,1h,2h,3h+OFF (can be eliminated upon power off)

Short circuit short delay time

Acting current set point I_{sd}	Current tolerance $\pm 10\%$	$(1.5-15) \times I_r + \text{OFF}$ (Step is 1A or 2A)							
Acting time t_{sd}	Fixed time delay set point	0.1-0.4s (Step is 0.1s)							
Tolerance $\pm 15\%$	Inverse time delay	The curve is the same as the overload long delay curve; the curve speed is 10 times faster than the overload long delay's (the time calculated to the overload delay curve formula divided by 10 is the short delay inverse delay time)							
	Thermal memory protection	Subject to long delay settings							

Notes: When the inverse time and fixed time protection are both enabled, the inverse time current set point must be less than the fixed time current set point. Otherwise, the inverse time function will automatically fail, and the actual delay time is not less than the fixed time's set time.

Short circuit instantaneous

Acting current set point I_i	Current tolerance $\pm 10\%$	$(1-15) \times I_r + \text{OFF}$ (Min. $1I_n$)							
Action characteristics		No action when $\leq 0.85I_i$							
		Action when $> 1.15I_i$							

Grounding protection

Acting current setting I_g	Current tolerance $\pm 10\%$	$(0.2-1.0) \times I_n + \text{OFF}$ (Min. 100A)							
Action characteristics		No action when $< 0.8I_g$							
		Delay action when $\geq 1.0I_g$							
Action time t_g	Fixed time	0.1-0.5s+OFF (Step is 0.1)							
	Inverse time (ON)	Fixed time when $I > 0.625I_g$							
		Inverse time when $I \leq 0.625I_g$							
Tolerance $\pm 15\%$	Inverse time formula	$t = (0.625I_g)^2 / I^2$							
		$t = \text{delay time}, I_g = \text{set delay time}, I_n = \text{rated current}$							

Action mode: Trip + OFF

Ground alarm (ground alarm is independent from ground protection; both functions have their own independent parameter settings and can co-exist at the same time)

Alarm action setting	Current	$(0.2-1.0) \times I_n$ (Min. 100A)							
	Time	0.1-1s (Step is 0.1)							
Alarm dismiss setting	Current	$(0.2-1.0) \times I_n$ (Min. 100A)							
	Time	0.1-1s (Step is 0.1)							

Neutral-pole protection

Acting current setting I_N	Current tolerance $\pm 10\%$	$(0.5, 1.0, 1.6, 2.0) \times I_n + \text{OFF}$							
Action time		Same as the overload long delay time							

Current imbalance protection

Protection setting	10%-60% (Step is 1%)								
Delay time	0.2s-60s (Step is 0.1s)								
Protection return setting	10%-start value (Step is 1%)								
Delay time	10s-200s (Step is 1s)								
Action characteristics or alarm characteristics		No action when $\leq 0.9I_g$							
		Delay action or alarm when $> 1.1I_g$							

Action mode: Trip + alarm + OFF

Load monitoring

Method 1	Setting current I_{c1}, I_{c2}	$(0.2-1) \times I_n$ (min. 100A, Step is 1A)							
	Inverse delay time t_{c1}, t_{c2}	$(20\%-80\%) \times t_r$							
Method 2	Setting current I_{c1} (unload value)	$(0.2-1) \times I_n$ (min. 100A)							
	Setting current I_{c2} (return value)	$0.2 \times I_n - I_{c1}$							
	Inverse delay time t_{c1}	$(20\%-80\%) \times t_r$							
	Fixed delay time t_{c2}	10s-600s							

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Other protection features of the intelligent controller

Voltage imbalance protection

Action threshold	2%~30% (step is 1%)	
Action delay time (s)	0.2~60 (step is 0.1)	
Return threshold	2%~ start value (step is 1%)	The set point is available only when the execution mode is set as "Alarm", and return value must be less than or equal to start value
Return delay time (s)	0.2~60 (step is 0.1)	
Action or alarm characteristics (Delay tolerance $\pm 10\%$)	Actual voltage imbalance/set point ≥ 1.1	Fixed time action or alarm
	Actual voltage imbalance/set point < 0.9	No action or alarm
Voltage imbalance alarm return characteristics (Delay tolerance $\pm 10\%$)	Actual voltage imbalance/set point ≤ 0.9	Return
	Actual voltage imbalance/set point > 1.1	No return
Alarm contact output	"Voltage imbalance alarm" contact output can be added when the execution mode is set as Alarm	

Under voltage protection ¹⁾

Action threshold (V)	100~return threshold (step is 1)	
Action delay time (s)	0.2~60 (step is 0.1)	
Return threshold (V)	Action threshold ~ 950 (step is 1)	The set point is available only when the execution mode is set as "Alarm", and return value must be less than or equal to start value
Action delay time (s)	0.2~60 (step is 0.1)	
Action or alarm characteristics (Delay tolerance $\pm 10\%$)	$U_{max}/$ action threshold < 0.9	Fixed time action or alarm
	$U_{max}/$ action threshold ≥ 1.1	No action or alarm
Under voltage alarm return characteristics (Delay tolerance $\pm 10\%$)	$U_{min}/$ action threshold > 1.1	Return
	$U_{min}/$ action threshold ≤ 0.9	No return
Alarm contact output	"Under voltage alarm" contact output can be added when the execution mode is set as Alarm	

Over voltage protection ¹⁾

Action threshold (V)	Return threshold ~ 950 (step is 1)	
Action delay time (s)	0.2~60 (step is 0.1)	
Return threshold (V)	220~action threshold (step is 1)	The set point is available only when the execution mode is set as "Alarm", and return value must be less than or equal to start value
Return delay time (s)	0.2~60 (step is 0.1)	
Action or alarm characteristics (Delay tolerance $\pm 10\%$)	$U_{min}/$ action threshold ≥ 1.1	Fixed time action or alarm
	$U_{min}/$ action threshold < 0.9	No action or alarm
Over voltage alarm return characteristics (Delay tolerance $\pm 10\%$)	$U_{max}/$ action threshold ≤ 0.9	Return
	$U_{max}/$ action threshold > 1.1	No return
Alarm contact output	"Over voltage alarm" contact output can be added when the execution mode is set as Alarm	

Demand protection

Action threshold (V)	$(0.2 \sim 1.0) \times I_n$ (step is 2)	
Action delay time (s)	15~1500 (step is 0.1)	
Return threshold (V)	$0.2I_n \sim$ start value (step is 2)	The set point is available only when the execution mode is set as "Alarm", and return value must be less than or equal to start value
Return delay time (s)	15~3000 (step is 1)	
Action or alarm characteristics (Delay tolerance $\pm 10\%$)	$I/$ set point ≥ 1.1	Fixed time action or alarm
	$I/$ set point < 0.9	No action or alarm
Demand current protection alarm return characteristics (Delay tolerance $\pm 10\%$)	$I/$ set point < 0.9	Return
	$I/$ set point > 1.1	No return
Alarm contact output	"Demand current protection alarm" contact output can be added when the execution mode is set as Alarm	

Phase sequence protection

Action phase sequence set range	$\Delta \phi$: A, B, C / $\Delta \phi$: A, C, B
Alarm contact output	"Phase sequence fault alarm" contact output can be added when the execution mode is set as Alarm
Protection execution mode	Alarm / Trip/ OFF

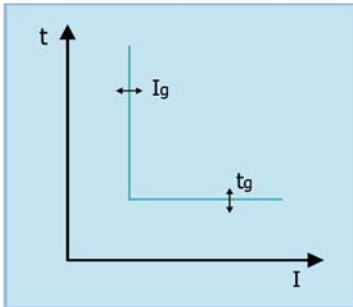
Frequency protection

Parameter setting range	Action threshold	Under frequency	45~ Return value (step is 0.1Hz)	The set point is available only when the execution mode is set as "Alarm"
		Over frequency	Return value ~65 (step is 0.1Hz)	
	Action delay time	0.2~5.0s (step is 0.1s)		
	Return threshold	Under frequency	Return value ~65Hz (step is 0.1Hz)	
		Over frequency	45Hz~ Return value (step is 0.1Hz)	
	Return delay time	0.2~36.0s (step is 0.1s)		
Alarm contact output	"Under frequency alarm" and "Over frequency alarm" contact outputs can be added when the execution mode is set as Alarm			
Protection execution mode	Alarm / Trip/ OFF			

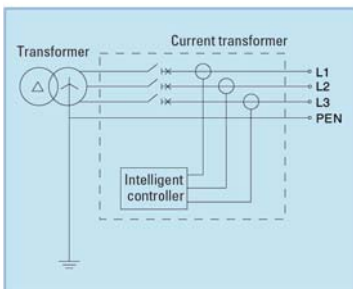
¹⁾ Voltage protection of Phase A, B, C and N is connected to terminals with the maximum voltage of 400V. When above 400V, a voltage module must be equipped.

Intelligent Controller's Protection Function Description

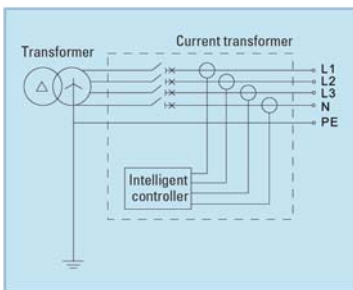
Ground fault protection characteristics



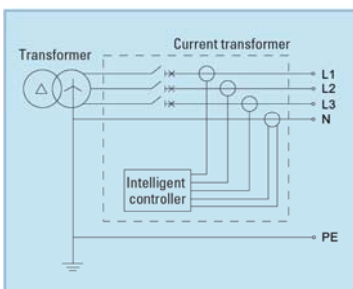
Method 1



Method 2



Method 3



Ground fault protection

- Ground fault fixed time or inverse time protection, with adjustable setting current I_g
- Adjustable delay time t_g
- Only alarm and no breaking after switched off (OFF)
- Ground fault protection method:
 - Method 1
 - Method 2
 - Method 3

Method 1: TN-C and TN-C-S power distribution systems use three-pole circuit breakers with no neutral current transformer.

- The ground fault protection signal takes the vector sum of the three phase currents
- The protection characteristics is fixed time or inverse time protection
- Only applicable when the three-phase imbalanced current and harmonic current flowing through the PEN neutral protection line are very small

Method 2: TN-S power distribution system uses a four-pole circuit breaker with an internal neutral current transformer.

- The ground fault protection signal takes the vector sum of the three phase currents and the N-phase current
- The protection characteristics is fixed or inverse time protection

Method 3: TN-S power distribution system uses a three-pole circuit breaker with an current sensor for neutral conductor.

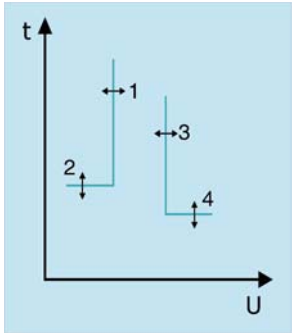
- The ground fault protection signal takes the vector sum of the three phase currents and the N-phase current
- The protection characteristics is fixed or inverse time protection

Notes: The length of the transformer conductor is not more than 2m

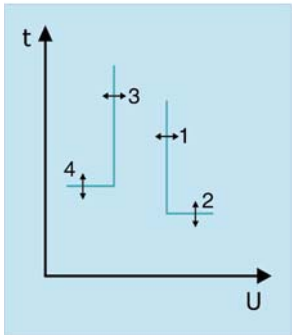
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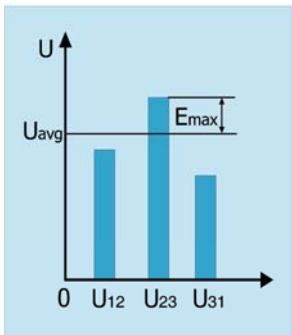
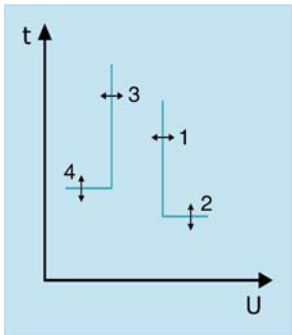
Under voltage protection acting principle



Over voltage protection acting principle



Voltage imbalance



1. Action threshold
2. Action delay time
3. Return threshold
4. Return delay time

Voltage protection

Under voltage protection

The intelligent controller measures the RMS value of the primary circuit voltage. When the three line voltages are all less than the set point, that is, when the maximum value of the three line voltages is less than the under voltage protection threshold, the undervoltage protection will act; when the minimum value of the three line voltages are greater than the return value, the alarm action will return.

Action characteristics:

1. When the maximum voltage is less than the action threshold (1), the alarm or trip delay will be activated;
2. At the end of the action delay time (2), an alarm or trip signal will be issued, and the under voltage fault protection will act;
3. When the minimum voltage is greater than the return threshold (3), the return delay will be activated;
4. At the end of the return delay time (4), the alarm will be removed and the under voltage fault protection will return.

Over voltage protection

The intelligent controller measures the RMS value of the primary circuit voltage. When the three line voltages are all greater than the set value, that is, when the minimum value of the three line voltages is greater than the over voltage protection threshold, the over voltage protection will act; when the three line voltages are less than the return value, the alarm action will return.

Action characteristics:

1. When the minimum voltage is greater than the action threshold (1), the alarm or trip delay will be activated;
2. At the end of the action delay time (2), an alarm or trip signal will be issued, and the over voltage fault protection will act;
3. When the execution mode is set as alarm, after the alarm action, the return delay will be activated when the minimum voltage is less than the return threshold (3);
4. At the end of the return delay time (4), the alarm will be removed and the over voltage fault protection will return.

Voltage imbalance protection

Voltage imbalance protection enables protective actions based on the imbalance value between the three line voltages. The intelligent controller measures the voltage imbalance. When the voltage imbalance is greater than the action threshold, the protection will act; when the voltage imbalance is less than the return threshold, the alarm action will return.

Action characteristics:

1. When voltage imbalance is greater than the action threshold (1), an alarm or trip delay will be activated;
2. At the end of the action delay time (2), an alarm or trip signal will be issued, and voltage imbalance fault protection will act;
3. When the execution mode is set as alarm, after the alarm action, the return delay will be activated when the voltage imbalance is less than the return threshold (3);
4. At the end of the return delay time (4), the alarm will be removed and the voltage imbalance fault protection will return.

The voltage imbalance is calculated as below:

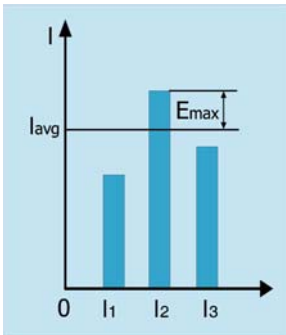
$$U_{\text{unbal}} = \frac{|E_{\text{max}}|}{U_{\text{avg}}} \times 100\%$$

$$U_{\text{avg}} = \frac{(U_{12} + U_{23} + U_{31})}{3}$$

Emax: The maximum difference between each phase voltage and average value.

Uavg: The average value of the RMS sum of the three-phase line voltages.

Current imbalance



Current imbalance protection

The current imbalance protection performs against open phase, phase loss and 3-phase current imbalance based on the imbalance between three phase currents:

The current imbalance is calculated as follows:

$$I_{unbal} = \frac{|E_{max}|}{I_{avg}} \times 100\%$$

$$I_{avg} = \frac{(I_{12} + I_{23} + I_{31})}{3}$$

E_{max} = The maximum difference between each phase current and I_{avg} .

I_{avg} = The average value of the three-phase current RMS

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Reverse power protection

It is used for generator protection. When the power is reversed, the generator may be damaged if it is running. If the power flows in a direction opposite to the set power's direction, and is greater than the action threshold set point, the circuit breaker will trip or send out an alarm signal after the action delay time (fixed time action). Then, if the reverse power in the circuit is less than the return threshold set point, the circuit breaker will remove the alarm signal after the return delay time (fixed time action). The reverse power protection function can be set to Enabled or Disabled. When enabled, it includes sending an alarm signal or tripping.

Current demand protection

It is mainly used for process controlling need. When the demand current of a certain phase is greater than the action threshold set point, the circuit breaker will trip or send out an alarm signal after the action delay time (fixed time action). Then, if the demand current of this phase is less than the return threshold set point, the circuit breaker will remove the alarm signal after the return delay time (fixed time action).

The current demand protection function can be set to Enabled or Disabled. When enabled, it includes sending an alarm signal or tripping.

Over frequency protection

It is used for generator protection. When the circuit frequency is greater than the action threshold set point, the circuit breaker will trip or send out an alarm signal after the action delay time (fixed time action). Then, if the circuit frequency is less than the return threshold set point, the circuit breaker will remove the alarm signal after the return delay time (fixed time action).

The over frequency protection function can be set to Enabled or Disabled. When enabled, it includes sending an alarm signal or tripping.

Under frequency protection

It is used for generator protection. When the circuit frequency is less than the action threshold set point, the circuit breaker will trip or send out an alarm signal after the action delay time (fixed time action). Then, if the circuit frequency is greater than the return threshold set point, the circuit breaker will remove the alarm signal after the return delay time (fixed time action).

The under frequency protection function can be set to Enabled or Disabled. When enabled, it includes sending an alarm signal or tripping.

Phase sequence protection

It is used in occasions where phase sequence is required. When it is detected that the phase sequence is the same as the action threshold, it will act instantaneously, and the circuit breaker will trip or send out an alarm signal. If one-phase or multi-phase voltage does not exist, this function will automatically exit.

The phase sequence protection function can be set to Enabled or Disabled. When enabled, it includes sending an alarm signal or tripping.

Contact wear indication

Current contact wear status can be displayed on the intelligent controller panel. The value displayed on the controller is 100% upon delivery from factory, indicating that the contact is not worn. When the value drops to 60%, an alarm signal will be issued to remind the user to take timely maintenance measures. After the contact is replaced, the initial wear value can be restored through setting up.

Self-diagnosis

The intelligent controller can diagnose its own faults, including ambient over temperature, E²PROM data error, A/D sampling error, and circuit breaker failure to act.

MCR

Making and breaking function (MCR): Switch off immediately due to short circuit fault during circuit breaker closing or controller initialization upon powering on.

Signal contact (DO) function (optional)

DO: Output function

The intelligent controller offers two to four sets of independent signal contact outputs.

Function setting	See DO Function Setting Table			
Execution mode	NO level	NC level	NO pulse	NC pulse
Pulse time	N/A		1~360s (step is 1s)	

Models to be purchased separately

DO function

Type	For use with	Part no. Article no.
4DO output	IZM65/67	IZM6-DO CAM-50047

Notes: Cannot be mounted separately and need to be purchased together with the basic device.

Ethernet communication module

Models to be purchased separately

	For use with	Part no. Article no.
Ethernet communication module	IZM65/67	IZM6-ECAM CAM-50059

Relay module

Models to be purchased separately

	For use with	Part no. Article no.
Relay module	IZM65/67	IZM6-ST201 CAM-50062

DO function setting table

General purpose	Alarm	Fault trip	Self-diagnosis alarm	Instantaneous fault
Ground / residual current fault	Overload pre-alarming	Overload fault	Short delay fault	Under voltage fault
Over voltage fault	Ground alarm	Current imbalance fault	Neutral line fault	Demand fault
Reverse power fault	Voltage imbalance fault	Under frequency fault	Over frequency fault	Phase sequence fault
MCR fault	Short circuit interlocking	Closing	Opening	Demand out of limit
Phase A demand fault	Phase B demand fault	Phase C demand fault	Neutral-phase demand fault	

Notes: General purpose means that this input/output is not used in the controller itself and can be operated by the host computer in the Communication group.

Zone selective interlocking

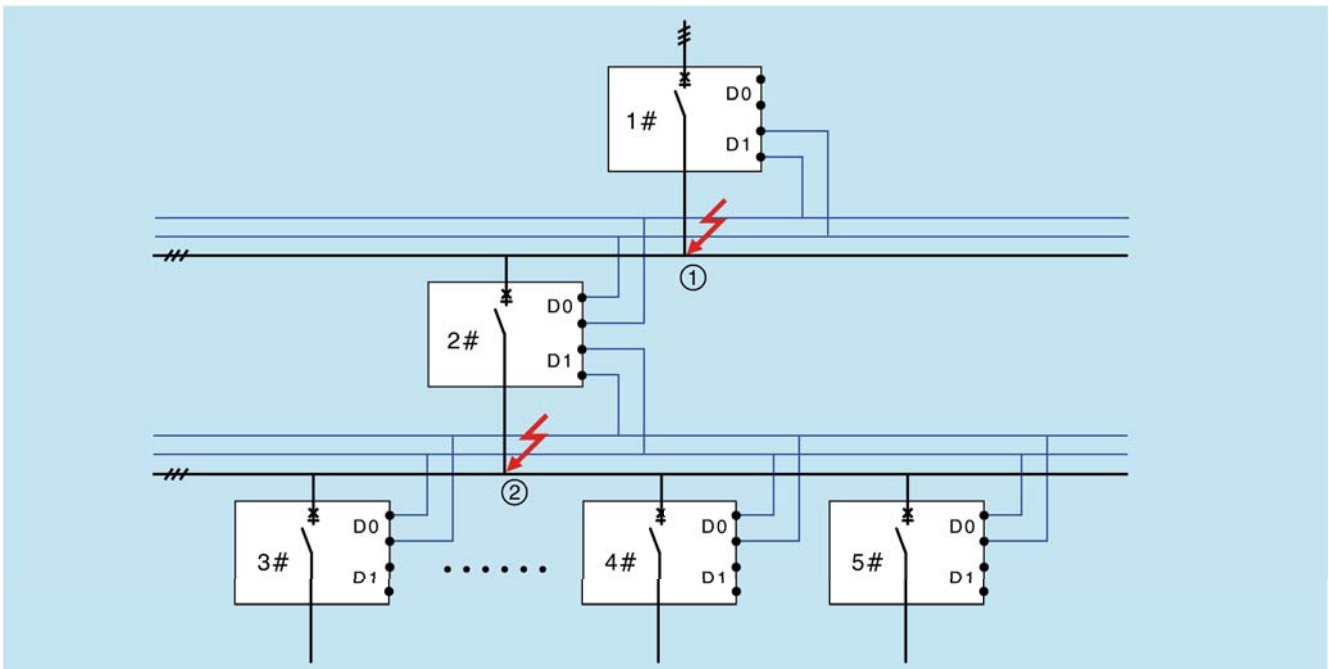
In the same power circuit, zone selective interlocking can be achieved between two or more upstream and downstream circuit breakers. Zone selective interlocking includes short-circuit interlocking and ground interlocking.

1. Interlock function description

- When a short circuit or ground fault occurs at the outgoing side of the downstream circuit breaker (#2~#4) - such as Position ②, the downstream circuit breaker will instantaneously trip and send a zone interlocking signal to the upstream circuit breaker; The upstream circuit breaker (#1) receives the zone interlocking trip signal and delays according to the short circuit or ground protection setting. If the fault current is eliminated during the delay time of the upstream circuit breaker, the protection will return and the upstream circuit breaker will not act; if the fault current is not eliminated after the tripping of the downstream circuit breaker, the upstream circuit breaker will act according to the short-circuit or ground protection setting to switch off the faulty line.
- When a short circuit or ground fault occurs between the upstream circuit breaker (#1) and downstream circuit breaker (#2~#5) -such as Position ①, the upstream circuit breaker will not receive the zone interlocking signal and thus trip instantaneously to quickly cut off the faulty circuit.

2. To set up the I/O ports of the circuit breaker, follow below requirements:

- At least one DI of the upstream circuit breaker is set as zone interlocking detection;
- At least one DO of the downstream circuit breaker is set as zone interlocking signal output



Models to be purchased separately

ZSI function

Type	For use with	Part no. Article no.
ZSI 3DO 1DI	IZM65/67	IZM6-ZSI CAM-50048

Notes: Cannot be mounted separately and need to be purchased together with the basic device.

Optional ZSI function relay output default settings

	Contact 1	Contact 2	Contact 3	Contact 4
ZSI	Overload fault output	Overload trip output	ZSI OUT	ZSI IN

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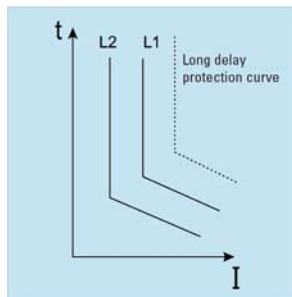
Residual current protection (this function can be extended to PXR6.1P only)

Suitable for protection against residual current faults due to equipment insulation damage or caused by human contact with exposed conductive parts. The residual current action value (I_f) is not subject to the rated current of the circuit breaker. Its signal is taken from an leakage current sensor, with high sampling accuracy and good sensitivity, suitable for small ground current protection.

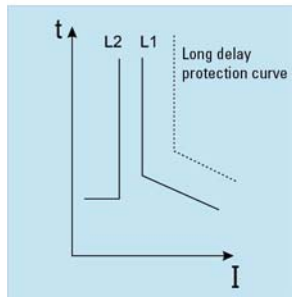
Setting current I_{Δ} (A)	0.5-30A+OFF (step is 0.1A)
Action time T_{Δ} (s)	Instantaneous, 0.06, 0.08, 0.17, 0.25, 0.33, 0.42, 0.5, 0.58, 0.67, 0.75, 0.83
Time accuracy	$\pm 10\%$; inherence: 40ms
Execution mode	Trip / OFF

Notes: The residual current protection cannot be performed together with ground protection function.

Current mode action characteristics

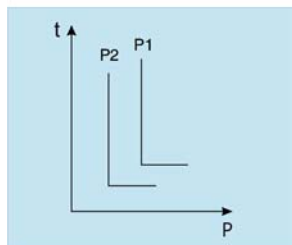


Method 1

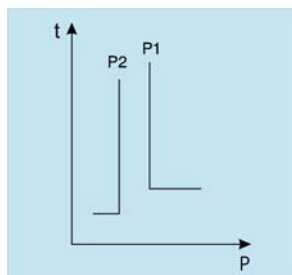


Method 2

Current mode action characteristics



Method 1



Method 2

Load monitoring (optional function) ¹⁾

1. Execution mode

It is used to monitor less important downstream loads to ensure power supply to the main system. Load monitoring can be used for pre-alarming and controlling branch loads. Two methods are available for action, based on power or current:

Method 1: Independent controlling of two-way loads. When the operating parameter exceeds the set point, the corresponding load monitoring DO delay will act (relevant DO function needs to be set) to control and break the two branch loads, to ensure the power supply to the main system.

Method 2: Generally used to control the loads in the same branch. When the operating parameter exceeds the start value, the Load Monitoring 1 DO delay time will act (pulse mode or level mode for action type) to cut off the branch load; if the operating parameter is lower than the return value after breaking, and at the end of the set delay time, the Load Monitoring 1 DO will return and the Load Monitoring 2 DO will act (by level mode or pulse mode), to switch on the disconnected load and restore the power supply to the system.

2. Current-mode action characteristics:

Two methods are available using current as the operating parameter, with action characteristics shown in the figure below. The action inverse time characteristics, overload, curve speed and action values are independently set. In the case of Current Mode 2, the start value L1 must not be less than L2, and the load recovery delay time is fixed time.

3. Active power mode action characteristics

Two methods are available using the system active power as the operating parameter, with action characteristics shown in the figure below. The action and return delay time are both fixed values. In the case of Power Mode 2, the start value L1 must not be less than L2.

Parameter	Setting range	Setting step	Notes
Load monitoring method	1. Current mode 1	-	
Unload I action set point	Current mode 1/2	0.2-1.0 I_r	I_r = Overload long delay action set point; T_r = Overload long delay action time
	Power mode 1/2	200-1000kW	
Unload I action delay time	Current mode 1/2	20-80% T_r	1%
	Power mode 1/2	10-3600s	1s
Unload II action set point	Current mode 1	0.2-1.0 I_r	IA
	Current mode 2	0.2 I_r , -Unload 1	2A
	Power mode 1	200-1000kW	1kW
	Power mode 2	200-Unload I	1kW
Unload II action set point	Current mode 1	20-80% T_r	1%
	Current mode 2	10-600s	1s
	Power mode 1/2	10-3600s	1s
Protection alarm DO output	Set one DO of the signal unit to Load Monitoring 1 and one to Load Monitoring 2		

Models to be purchase separately

Type	For use with	Part no. Article no.
Load monitoring	IZM65/67	IZM6-LMT CAM-50049

Notes: Cannot be mounted separately and need to be purchased together with the basic device.

Notes: ¹⁾ The 4DO output module function must be added if the load monitoring function is purchased. See Page 24.

Communication

Four remote functions – including remote measurement, remote signaling, remote adjustment and remote control – can be achieved through a communication-type intelligent controller, to enable real-time monitoring of circuit breaker operations. Take the Communication Network Diagram as an example, through which on-site monitoring and ultra-remote monitoring can be implemented, to get real-time picture of the circuit breaker's operating status and to control it accordingly.

The specific system configuration requirements and communication interface parameters are shown in the following table:

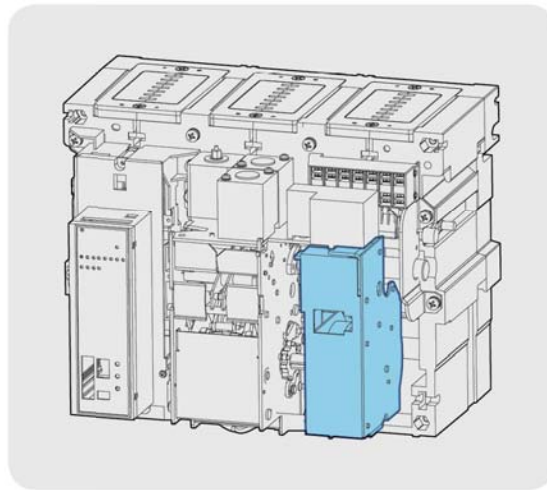
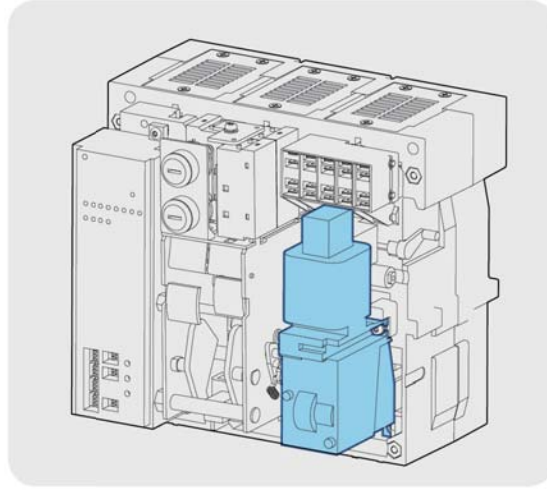
Applicable controller	Controller with optional communication function	
Communication method	RS485 (optical isolation)	
Communication medium	Shielded twisted pair	
Communication distance	1200 m	
Communication protocol	Supplied as standard	Modbus-RTU
Communication convention	PXR Series Intelligent Controller Modbus Communication Protocol V3.0	
Transmission speed (bit/s)	PXR 4.1: 9.6K, 19.2K PXR 6.1: 9.6K, 19.2K, 38.4K, 115.2K	
Communication	1~255 (configurable)	

IZM6 Series Air Circuit Breakers

Accessories

Motor operator

The circuit breaker offers motor charging and automatic recharging functions (manual charging is also available for the circuit breaker).



Rated control voltage U_s (V)	AC230	AC400	DC110	DC220
Model code	M1	M2	M3	M4
Actuating voltage	$(0.85\sim 1.1) U_s$	$(0.85\sim 1.1) U_s$	$(0.85\sim 1.1) U_s$	$(0.85\sim 1.1) U_s$
Power loss	2500A frame	150VA	150W	150W
	4000A frame	150VA	150VA	150W
Charging time (s)	5s	5s	5s	5s

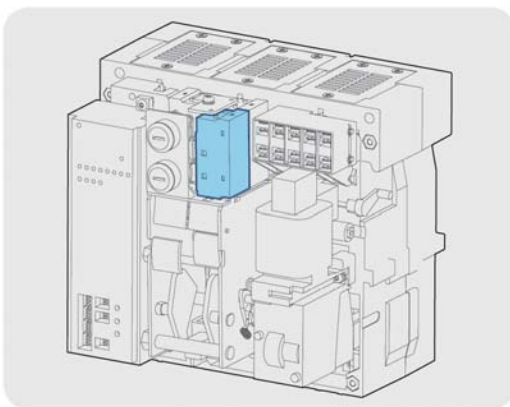
Models to be purchased separately

Rated control voltage U_s (V)	For use with	Part no. Article no.
AC230/DC220	IZM65/67	IZM6-M-230AC/220DC CAM-50001
400VAC	IZM65/67	IZM6-M-400AC CAM-50002
DC110	IZM65/67	IZM6-M-110AC/110DC* CAM-50003

Notes: *Upgraded in May 2022 can also be applied to the AC110V.

Closing releases

After charging, the closing coil enables the energy stored in the operating mechanism to release instantaneously, allowing the circuit breaker to close quickly.



Models to be purchased separately

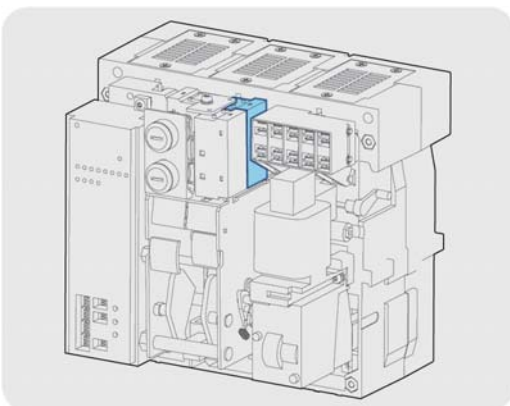
Rated control voltage U_s (V)	For use with	Part no. Article no.
AC230/DC220	IZM65/67	IZM6-SR-230AC/220DC CAM-50005
400VAC	IZM65/67	IZM6-SR-400AC CAM-50006
AC110/DC110	IZM65/67	IZM6-SR-110AC/110DC CAM-50007

Power loss table of the closing releases

Insulation voltage (U_i)	Rated control voltage U_s (V)	Actuating voltage	Pickup transient current	Pickup transient power
400V	AC230	$(0.85\sim 1.1) U_s$	2.8A	575VA
	AC400	$(0.85\sim 1.1) U_s$	2.1A	780VA
	AC110	$(0.85\sim 1.1) U_s$	5.1A	495VA
	DC110	$(0.85\sim 1.1) U_s$	5.2A	550W
	DC220	$(0.85\sim 1.1) U_s$	2.9A	630W

Shunt releases

Enables the circuit breaker to open remotely.



Models to be purchased separately

Rated control voltage U_s (V)	For use with	Part no. Article no.
AC230/DC220	IZM65/67	IZM6-ST-230AC/220DC CAM-50050
400VAC	IZM65/67	IZM6-ST-400AC CAM-50051
AC110/DC110	IZM65/67	IZM6-ST-110AC/110DC CAM-50052

Power loss table of the shunt releases

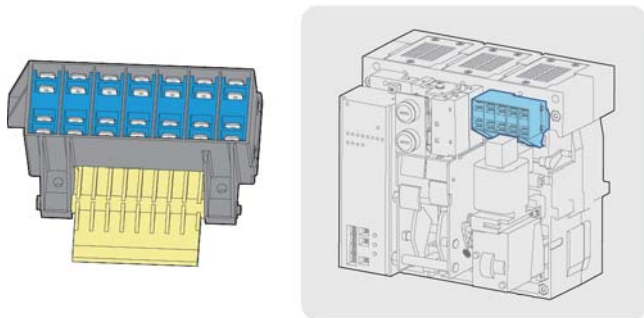
Insulation voltage (U_i)	Rated control voltage U_s (V)	Actuating voltage	Pickup transient current	Pickup transient power
400V	AC230	$(0.7\sim 1.1) U_s$	2.8A	575VA
	AC400	$(0.7\sim 1.1) U_s$	2.1A	780VA
	AC110	$(0.7\sim 1.1) U_s$	5.1A	495VA
	DC110	$(0.7\sim 1.1) U_s$	5.2A	550W
	DC220	$(0.7\sim 1.1) U_s$	2.9A	630W

IZM6 Series Air Circuit Breakers

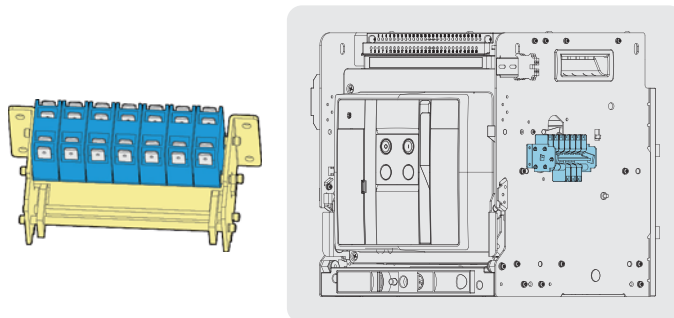
Accessories

Auxiliary contacts

Internal auxiliary contact



External auxiliary contact



The internal auxiliary contacts supplied as standard in ABC is 4 ONs and 4 OFFs; when more than 4 ONs 4 OFFs, external auxiliary contacts will be needed, with the maximum number of 10 ONs and 10 OFFs

	Rated operational voltage U_e (V)	Rated control compacity	Conventional thermal current I_{th} (A)
Auxiliary contact	AC400	800VA	16
	AC230		
	DC220	300W	
	DC110		

Type	Code
4 NO / NC	4
6 NO / NC	6
8 NO / NC	8
10 NO / NC	A
12 NO / NC	B
14 NO / NC	C

Notes: Auxiliary contact range for IZM65,67 series air circuit breaker: 4 NO / NC to 14 NO / NC contacts.

Overcurrent trip switches (OTS)

Models to be purchased separately

	For use with	Part no. Article no.
Overcurrent trip switches (OTS)	IZM65/67	IZM6-OTS CAM-50058

Notes: Can't be equipped together with remote reset. The OTS cannot be installed separately, and should be purchased with the basic device.

Latch check switch (LCS) contact

Models to be purchased separately

	For use with	Part no. Article no.
LCS contact	IZM65/67	IZM6-LCS CAM-50068

Notes: Cannot be installed separately, and should be purchased with the basic device.

Models to be purchased separately

Withdrawable type:

	For use with	Part no. Article no.	Wiring code
External 2 NO / NC	IZM65/67	IZM6-AS22 CAM-50010	See Wiring diagram
External 4 NO / NC	IZM65/67	IZM6-AS44 CAM-50054	See Wiring diagram
External 6 NO / NC	IZM65/67	IZM6-AS66 CAM-50055	See Wiring diagram
External 8 NO / NC	IZM65/67	IZM6-AS88 CAM-50056	See Wiring diagram
External 10 NO / NC	IZM65/67	IZM6-AS1010 CAM-50057	See Wiring diagram

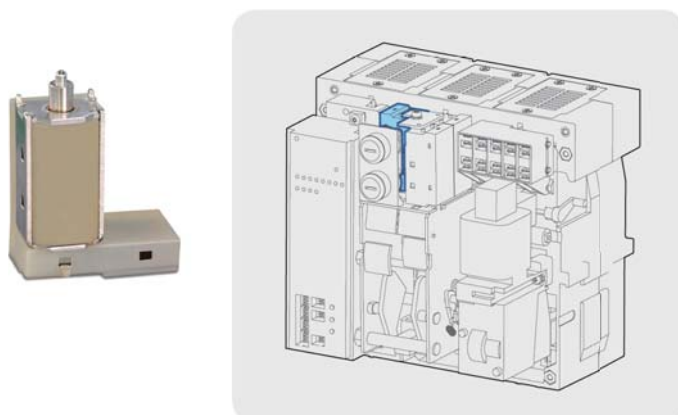
Notes: External auxiliary contacts cannot be equipped together with mechanical interlocking.

Fixed type:

	For use with	Part no. Article no.	Wiring code
External 2 NO / NC	IZM65/67	IZM6-AS22-F CAM-50122	See Wiring diagram
External 4 NO / NC	IZM65/67	IZM6-AS44-F CAM-50123	See Wiring diagram
External 6 NO / NC	IZM65/67	IZM6-AS66-F CAM-50124	See Wiring diagram
External 8 NO / NC	IZM65/67	IZM6-AS88-F CAM-50125	See Wiring diagram
External 10 NO / NC	IZM65/67	IZM6-AS1010-F CAM-50126	See Wiring diagram

Notes: External auxiliary contacts cannot be equipped together with mechanical interlocking.

Undervoltage and Novoltage releases



Undervoltage releases

Rated operational voltage U_e (V)		AC230/DC220	AC400
Action type	Type	Code	
	Instantaneous	Q11	Q21
	Delay time 1s	Q14	Q24
	Delay time 3s	Q15	Q25
	Delay time 5s	Q16	Q26
	Delay time 10s	Q17	Q27
Actuating voltage (V)		(0.35-0.7) U_e	
Reliable closing voltage (V)		(0.85-1.1) U_e	
Reliable no-closing voltage (V)		$\leq 0.35 U_e$	
Power loss		15VA	

Models to be purchased separately

Under voltage instantaneous

Rated control voltage U_s (V)	For use with	Part no. Article no.
230VAC/220DC	IZM65/67	IZM6-UVR-230AC* CAM-50015
400VAC	IZM65/67	IZM6-UVR-400AC CAM-50016

Under voltage with time delay function

Rated control voltage U_s (V)	For use with	Delay time	Part no. Article no.
230VAC/220DC	IZM65/67	1s	IZM6-UVR-TD1-230AC* CAM-50017
		3s	IZM6-UVR-TD3-230AC* CAM-50018
		5s	IZM6-UVR-TD5-230AC* CAM-50019
		10s	IZM6-UVR-TD10-230AC* CAM-50020
400VAC	IZM65/67	1s	IZM6-UVR-TD1-400AC CAM-50021
		3s	IZM6-UVR-TD3-400AC CAM-50022
		5s	IZM6-UVR-TD5-400AC CAM-50023
		10s	IZM6-UVR-TD10-400AC CAM-50024

Notes: * Application range: AC230V, DC220V. Undervoltagerelase, Novoltage release, and Operation counter cannot be assembled at the same time.

Novoltage releases

Rated operational voltage U_e (V)		AC230/DC220	AC400
Action type	Type	Code	
	Instantaneous	Q51	Q61
	Delay time 0.3s	Q58	Q68
	Delay time 0.5s	Q59	Q69
	Delay time 0.7s	Q5A	Q6A
	Delay time 1s	Q54	Q64
	Delay time 3s	Q55	Q65
	Delay time 5s	Q56	Q66
Actuating voltage (V)		(0.1-0.35) U_e	
Reliable closing voltage (V)		(0.85-1.1) U_e	
Reliable no-closing voltage (V)		$\leq 0.35 U_e$	
Power loss		3.24VA	6.36VA

Models to be purchased separately

Rated control voltage U_s (V)	For use with	Part no. Article no.
230VAC/220DC	IZM65/67	IZM6-NVR-230AC* CAM-50111
400VAC	IZM65/67	IZM6-NVR-400AC CAM-50092

No voltage with time delay function

Rated control voltage U_s (V)	For use with	Delay time	Part no. Article no.
230VAC/220DC	IZM65/67	0.3s	IZM6-NVR-TD03-230AC* CAM-50112
		0.5s	IZM6-NVR-TD05-230AC* CAM-50113
		0.7s	IZM6-NVR-TD07-230AC* CAM-50114
		1s	IZM6-NVR-TD1-230AC* CAM-50093
		3s	IZM6-NVR-TD3-230AC* CAM-50094
400VAC	IZM65/67	0.3s	IZM6-NVR-TD03-400AC CAM-50115
		0.5s	IZM6-NVR-TD05-400AC CAM-50116
		0.7s	IZM6-NVR-TD07-400AC CAM-50117
		1s	IZM6-NVR-TD1-400AC CAM-50097
		3s	IZM6-NVR-TD3-400AC CAM-50098
		5s	IZM6-NVR-TD5-400AC CAM-50099

Notes: * Application range: AC230V, DC220V.

IZM6 Series Air Circuit Breakers

Accessories

Lock

OFF position safety lock

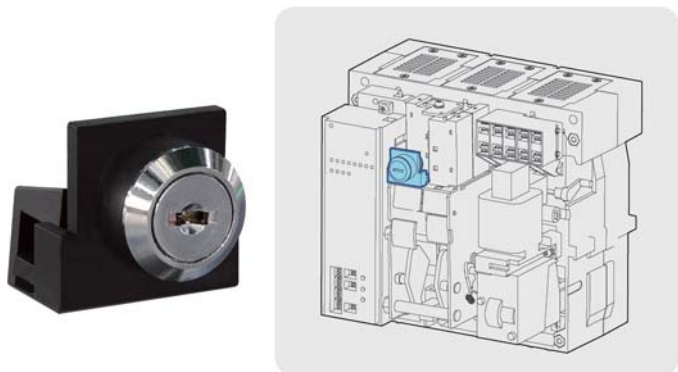
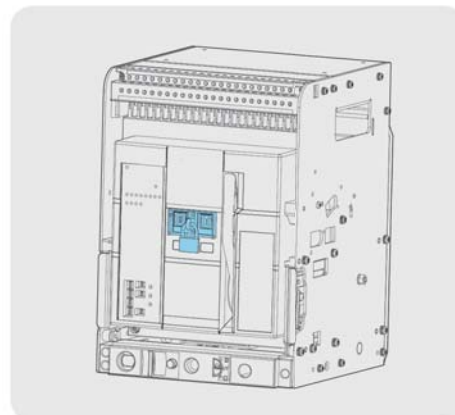
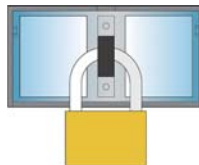
The OFF position safety lock can secure the opening button of the circuit breaker in the depressed position.

One lock and one key (K1): A circuit breaker is equipped with one lock and one key. The circuit breaker is not allowed to close in the locked state.

Two locks and one key (K2): Two circuit breakers are equipped with two identical locks and one key, and only one circuit breaker is allowed to close.

Three locks and two keys (K3): Three circuit breakers are equipped with three identical locks and two keys, and only two circuit breakers are allowed to close.

ON and OFF position button lock



Models to be purchased separately

	For use with	Part no. Article no.
ON and OFF position button lock	IZM65/67	IZM6-PLPC CAM-50028

Notes: Factory mounting is recommended (free of charge). Please specify in the order on which model's basic device the lock is mounted. Eaton's on-site installation service requires additional charge. Please contact Eaton's sales representative for details prior to ordering.

Models to be purchased separately

Lock type	For use with	Part no. Article no.
One lock / one key	IZM65/67	IZM6-1L1K-A CAM-50069
	IZM65/67	IZM6-1L1K-B CAM-50064
	IZM65/67	IZM6-1L1K-C CAM-50065
Three locks / two keys	IZM65/67	IZM6-3L2K-A CAM-50070
	IZM65/67	IZM6-3L2K-B CAM-50066
	IZM65/67	IZM6-3L2K-C CAM-50067

Notes: Factory mounting is recommended (free of charge). Please specify in the order on which model's basic device the lock is mounted. Eaton's on-site installation service requires additional charge. Please contact Eaton's sales representative for details prior to ordering.

Remote reset

Models to be purchased separately

	For use with	Part no. Article no.
Remote reset	IZM65/67	IZM6-RR230AC CAM-50060

Notes: Remote reset cannot be equipped together with auxiliary contact for trip signal. It cannot be installed separately and needs to be purchased together with the basic device.

Mechanical Interlock

		For use with	Part no. Article no.
Mechanical interlock, fixed mounting	Type 2, for 2 Circuit Breakers: A normal power supply (A) and an emergency network supply (B). 1 kit of cables also required in addition.	IZM65,67...F IN65,67...F	IZM6-MIL2C-F CAM-50041
	Type 31, for 3 Circuit Breakers: Two normal power supplies (A, C) and an emergency network supply (B). When B in Off, A and C can be switched on. B can be switched on only when A and C are in Off. Two kits of cables required in addition.	IZM65,67...F IN65,67...F	IZM6-MIL31C-F CAM-50042
	Type 32, for 3 Circuit Breakers: Two normal incoming units (A, C) and one coupling (B). Any one or two circuitbreakers can be closed at the same time. Three kits of cables are required in addition.	IZM65,67...F IN65,67...F	IZM6-MIL32C-F CAM-50043
Mechanical interlock, drawout mounting	Type 2, for 2 Circuit Breakers: A normal power supply (A) and an emergency network supply (B). 1 kit of cables also required in addition.	IZM65,67...W IN65,67...W	IZM6-MIL2C-W CAM-50044
	Type 31, for 3 Circuit Breakers: Two normal power supplies (A, C) and an emergency network supply (B). When B in Off, A and C can be switched on. B can be switched on only when A and C are in Off. Two kits of cables required in addition.	IZM65,67...W IN65,67...W	IZM6-MIL31C-W CAM-50045
	Type 32, for 3 Circuit Breakers: Two normal incoming units (A, C) and one coupling (B). Any one or two circuitbreakers can be closed at the same time. Three kits of cables are required in addition.	IZM65,67...W IN65,67...W	IZM6-MIL32C-W CAM-50046

Notes: Cable length: 2000mm. External auxiliary contacts and mechanical interlock cannot be equipped at the same time.

2-line interlocking logic

A	B
0	0
1	0
0	1

31 type interlocking logic

A	B	C
0	0	0
1	0	0
1	0	1
0	0	1
0	1	0

32 type interlocking logic

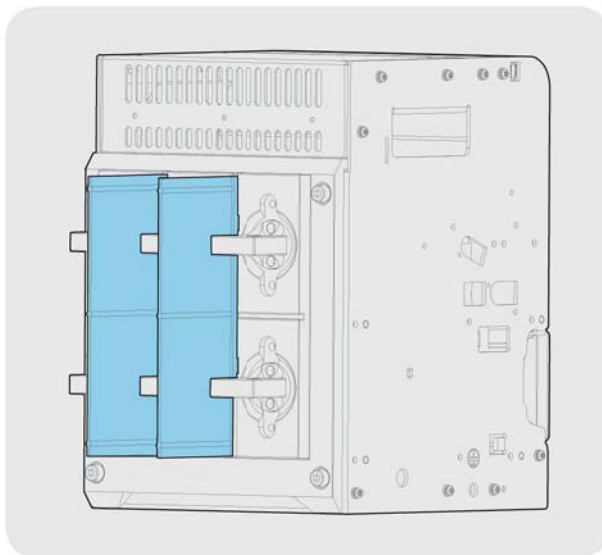
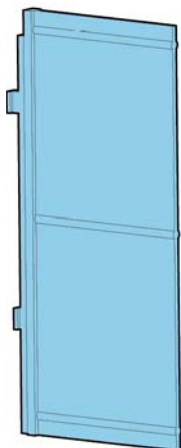
A	B	C
0	0	0
1	0	0
0	1	0
0	0	1
1	1	0
0	1	1
1	0	1

IZM6 Series Air Circuit Breakers

Accessories

Inter-phase partition

The inter-phase partition is mounted vertically between the wiring boards in the fixed section of the drawout circuit breaker, to increase the insulation strength of the busbar connection and prevent the arc from spreading to the inside of the circuit breaker.



Models to be purchased separately

Withdrawable type:

	For use with	Part no. Article no.
Interphase partition – 3-pole	IZM65/67	IZM6-IB-3 CAM-50029
Interphase partition – 4-pole	IZM65/67	IZM6-IB-4 CAM-50030

Fixed type:

	For use with	Part no. Article no.
Interphase partition – 3-pole	IZM65/67	IZM6-IB-3-F CAM-50118
Interphase partition – 4-pole	IZM65/67	IZM6-IB-4-F CAM-50119

Operation counter

Models to be purchased separately

	For use with	Part no. Article no.
Operation counter	IZM65/67	IZM6-OC CAM-50061

Notes: Cannot be mounted separately and need to be purchased together with the basic device. Undervoltagerelase, Novoltage release, and Operation counter cannot be assembled at the same time.

Collapsible hand lever

Models to be purchased separately

	For use with	Part no. Article no.
Collapsible hand lever	IZM65/67	IZM6-LT CAM-50101

Notes: Hand lever is included in D/O breaker.

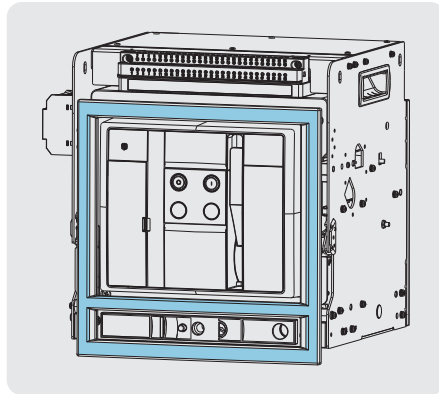
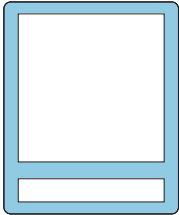
Tester

Models to be purchased separately

	For use with	Part no. Article no.
Tester	IZM65/67	IZM6-TEST-KIT CAM-50102

Door escutcheon

The door escutcheon is mounted on the door, and features a protection level up to IP40. The circuit breaker offers an IP20 protection level when mounted separately. Corresponding door escutcheons is available for both fixed and drawout circuit breakers.

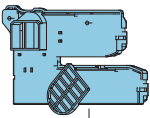


Models to be purchased separately

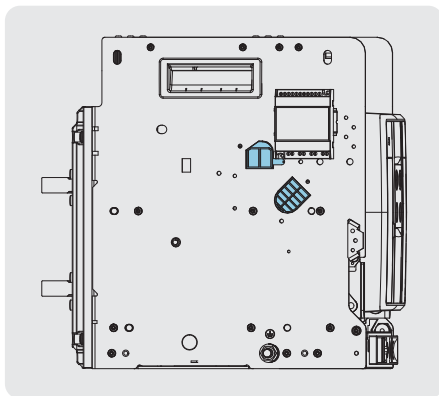
	For use with	Part no. Article no.
Door escutcheon for drawout circuit breaker	IZM65/67	IZM6-DEG-W CAM-50031
Door escutcheon for fixed circuit breaker	IZM65/67	IZM6-DEG-F CAM-50032

Cell switch

Three sets of contacts are available to indicate the current position of the circuit breaker (Connected, Test, Disconnected). When the circuit breaker is in a certain position, the corresponding contact will be switched on.



Cell switch mounted inside the switch



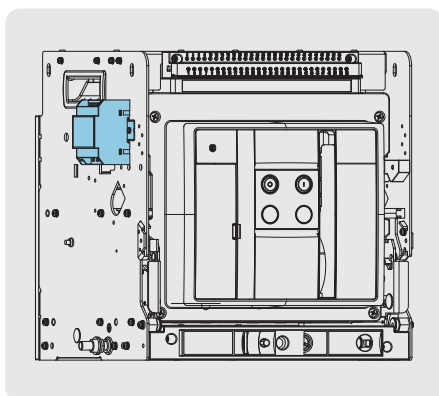
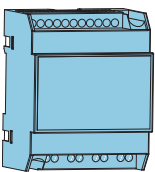
Models to be purchased separately

	For use with	Part no. Article no.
Cell switch	IZM65/67	IZM6-CS CAM-50033

Power Module

Input power: 65-500V AC or 80-700V DC

An auxiliary power supply must be equipped when the ground protection, communication, or thermal memory function is used or when the circuit breaker is required to maintain input/output signals in the Open state.



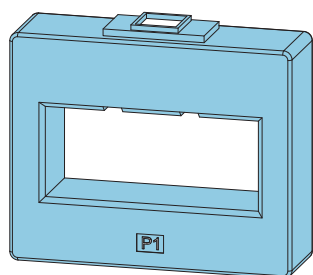
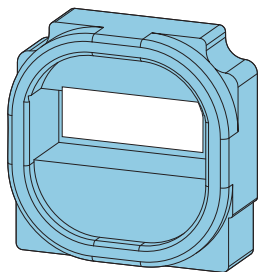
Models to be purchased separately

	For use with	Part no. Article no.
External power supply adapter	IZM65/67	IZM6-EASY400 CAM-50034

IZM6 Series Air Circuit Breakers

Accessories

Current sensor for neutral conductor

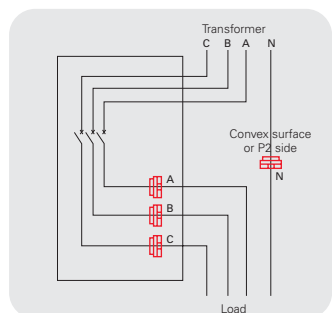


The TN-S power distribution system uses a three-pole circuit breaker, which requires a current sensor for neutral conductor to be equipped with.

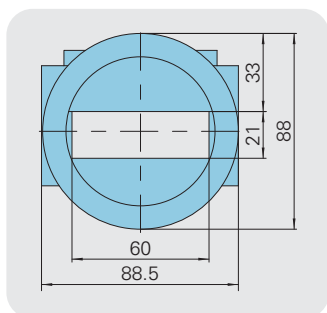
The ground-current N-phase transformer only measures the N-phase current for ground protection judgement, with its N-phase transformer mounting direction not subject to the wiring method.

During mounting, be cautious of the following:

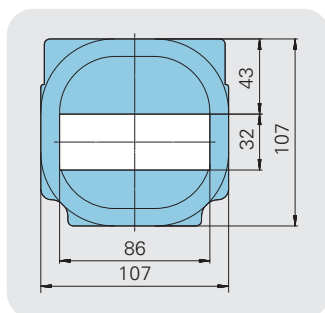
1. Twisted-pair wires are available on the current sensor for neutral conductor, with Code No. 23 and 24 on them to connect corresponding secondary terminals. Simply follow the code numbers on the conductors to connect to the secondary terminals.
2. The mounting direction of the current sensor for neutral conductor is subject to the wiring method of the circuit breaker:
For the circuit breaker with upper incoming line, the convex surface of the current sensor for neutral conductor faces the transformer side;
For the circuit breaker with lower incoming line, the plane surface of the current sensor for neutral conductor faces the transformer side;
When the Type IV current sensor for neutral conductor is used:
For the circuit breaker with upper incoming line, the P2 side of the current sensor for neutral conductor faces the transformer side;
For the circuit breaker with lower incoming line, the P1 side of the current sensor for neutral conductor faces the transformer side;
3. Select the transformer model based on the width of N-phase busbar



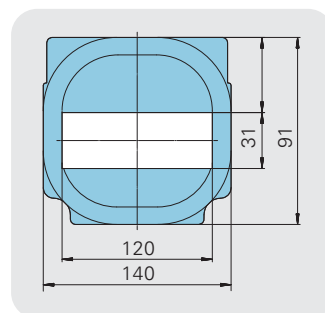
Upper entry line



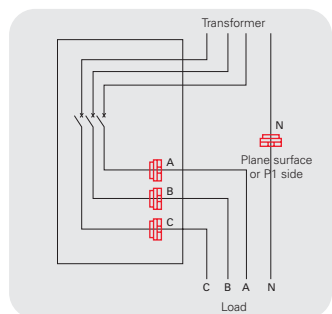
Type I



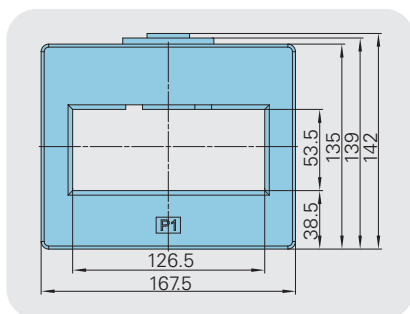
Type II



Type III



lower entry line



Type IV

Models to be purchased separately

	For use with	Part no. Article no.
Current sensor for neutral conductor	IZM65/67	IZM6-CT-I CAM-50035
	IZM65/67	IZM6-CT-II CAM-50036
	IZM65/67	IZM6-CT-III CAM-50037
	IZM65/67	IZM6-CT-IV CAM-50063

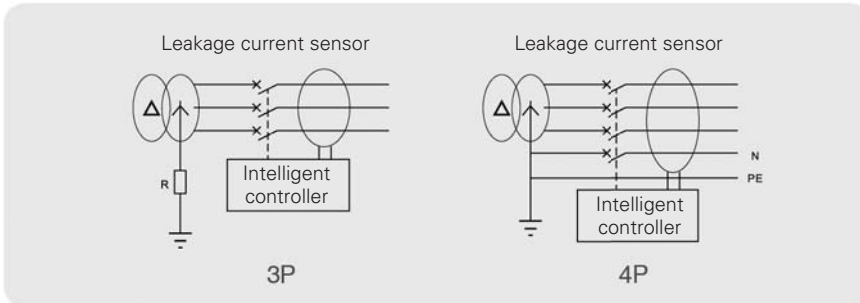
Notes: On-site installation, but can not be ordered separately, need to be ordered together with the circuit-breaker.

Leakage current sensor

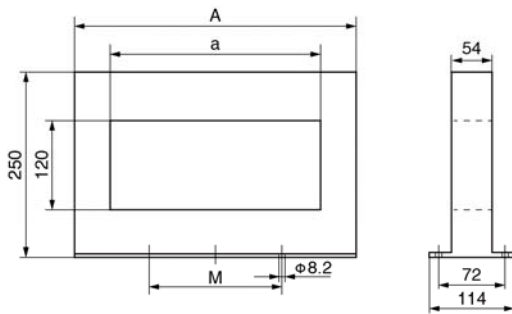
An leakage current sensor is needed when residual current protection is selected, and the controller does not have the ground protection function.

Twisted-pair wires are available on the transformer, with Code No. 6 and 7 to connect corresponding secondary terminals. Simply follow the code numbers on the conductors to connect the secondary terminals.

See below diagram for residual current protection principle.



Dimensions (mm)



	A	M	a
Type I	380	250	285
Type II	465	250	370
Type III	595	350	500

Models to be purchased separately

	For use with	Part no. Article no.
Residual current transformer	Type P trip unit	IZM6-CL-I CAM-50038
	Type P trip unit	IZM6-CL-II CAM-50039
	Type P trip unit	IZM6-CL-III CAM-50040

Notes: On-site installation, but can not be ordered separately, need to be ordered together with the basic device.

Voltage module

Models to be purchased separately

	For use with	Part no. Article no.
Voltage module	IZM65/67	IZM6-PTM CAM-50071

IzM6 Series Air Circuit Breakers

Power Loss, Temperature Derating and Copper Bar Specification

Power Loss (with ambient temperature of +40°C)

Power loss is the total power consumption measured when the frame rating current I_n passes through the circuit breaker.

Model	Power loss (W)	
	Fixed type	Drawout type
IzM65 2500A frame	356.8	823.4
IzM67 4000A frame	486.7	856.8

Temperature Derating

When the working ambient temperature is higher than +40°C, the continuous current carrying capacity can be corrected with reference to the following table:

Model	Rated current (A)	+40°C	+45°C	+50°C	+55°C	+60°C	+65°C	+70°C
IzM65 2500A frame	400-2000	1	1	1	1	1	1	1
	2500	1	1	1	1	0.99	0.94	0.88
IzM67 4000A frame	2000-2500	1	1	1	1	1	1	1
	3200	1	1	1	0.95	0.92	0.89	0.85
	4000	1	0.95	0.92	0.89	0.85	0.82	0.8

When the altitude is greater than or equal to 2000m, the electrical performance of the circuit breaker can be corrected with reference to the following table:

Altitude (m)	2000	3000	4000	4500	5000
Power frequency withstand voltage (V) 5s	5000	4500	4000	3500	3150
Insulation voltage (V)	1250	1250	1250	1250	1250
Max. operating voltage (V)	IzM65	690	690	690	690
	IzM67	690	690	690	690
Breaking capacity correction	1	0.83	0.77	0.7	0.63
Operating current correction	IzM65	1	1	1	0.97
	IzM67	1	0.93	0.88	0.85

The derating correction factor is only for the maximum current in the frame.

Recommended copper bar specification

Rated current (frame level) I_{nm} (A)	Rated current I_n (A)	Recommended copper bar specification		
		Number		Dimensions (mm × mm)
		Horizontal outgoing	Vertical outgoing	
IzM65 2500A frame	400	2	/	80 × 5
	630	2	/	80 × 5
	800	2	/	80 × 5
	1000	2	/	80 × 5
	1250	3	/	80 × 5
	1600	2	/	80 × 10
	2000	3	/	80 × 10
	2500	4	/	80 × 10
IzM67 4000A frame	2000	3	2	100 × 5
	2500	2	2	100 × 10
	3200	3	3	100 × 10
	4000	5	4	100 × 10

The copper bar specifications used in the table are when the circuit breaker is at the ambient temperature of up to 40 °C and installed in an open area, in accordance with the conventional thermal conditions in GB14048.2.

IZM6 Series Air Circuit Breakers

Power Loss, Temperature Derating and Copper Bar Specification



The intelligent controller is set as follows, if without special requirements from users

Overload long delay time protection	I_r	I_n
	t_r	60s
Short circuit short delay time protection	I_{sd}	$3I_r$
	t_{sd}	0.1s
Short circuit instantaneous protection	I_i	$5 I_n$
Ground fault protection	I_g	$0.8 I_n$ or 1200A (take the minimum value)
Current imbalance protection	OFF	
Neutral-pole protection	100% I_r	
Voltage imbalance protection	OFF	
Under voltage protection	OFF	
Over voltage protection	OFF	
Demand protection	OFF	
Phase sequence protection	OFF	
Frequency protection	OFF	
MCR peak	IZM65 2500A frame	56kA
	IZM67 4000A frame	90kA

Relay output default settings (optional)

	Contact 1	Contact 2	Contact 3	Contact 4
PXR Trip Unit	Over load fault output	Fault trip output	Remote control opening	Remote control closing

IZM6 Series Air Circuit Breakers

Wiring Diagram

Terminal numbers are described as follows:

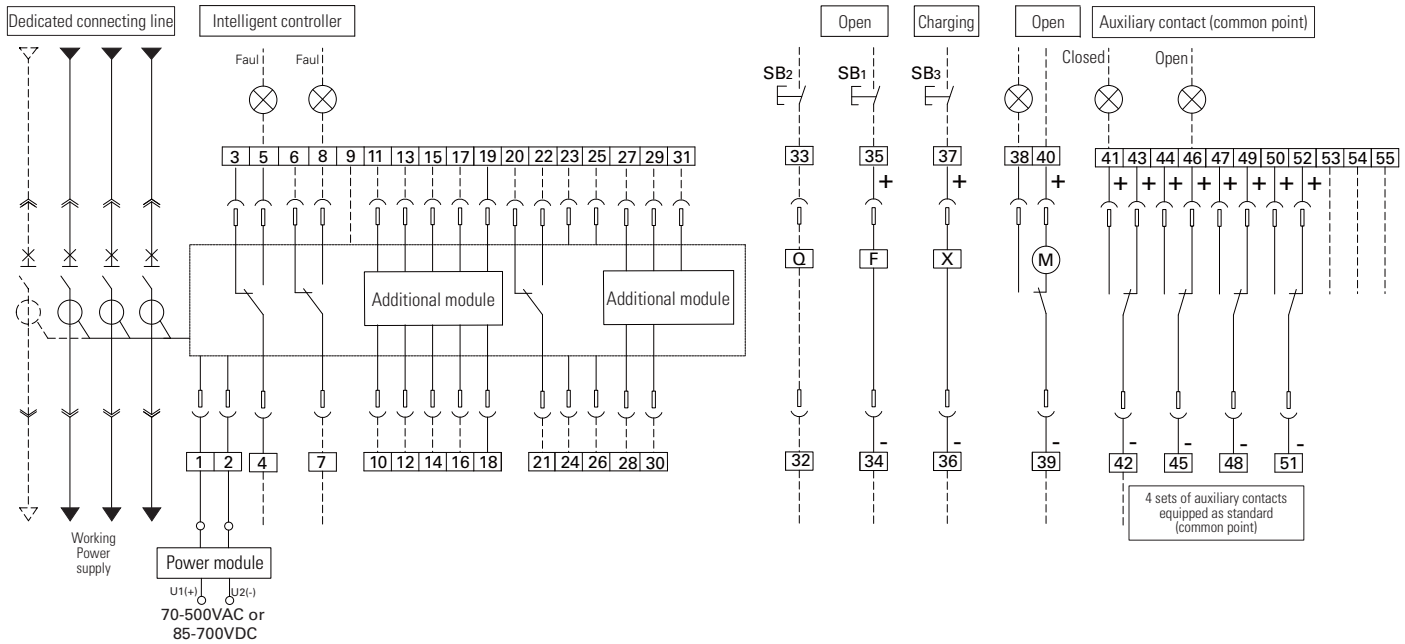
1# 2#	24VDC working power supply input
3# 4# 5#	Overcurrent trip switches (OTS) output
6# 7# 8#	Overcurrent trip switches 2 (OTS) output (added function)
9#	Reserved
10# 11#	First contact output wiring terminal (added function)
12# 13#	Second contact output wiring terminal (added function)
14# 15#	Third contact output wiring terminal (added function)
16# 17#	Fourth contact output wiring terminal (added function)
18# 19#	Remote reset wiring terminal (added function)
20# 21# 22#	LCS wiring terminal (added function)
23# 24#	External transformer terminal (added function)
25# 26#	Communication wiring terminal (added function)

27#	Phase A wiring terminal (input voltage ≤ 230V) (added function)
28#	Phase B wiring terminal (input voltage ≤ 230V) (added function)
29#	Phase C wiring terminal (input voltage ≤ 230V) (added function)
30#	N-phase wiring terminal (added function)
31#	PE-phase wiring terminal
32# 33#	Under voltage coil wiring terminal (added function)
34# 35#	Shunt coil wiring terminal (added function)
36# 37#	Closing coil
38# 39# 40#	Motor operator mechanism wiring terminal
41#-52#	Auxiliary contact wiring terminal
53# 54# 55#	Reserved

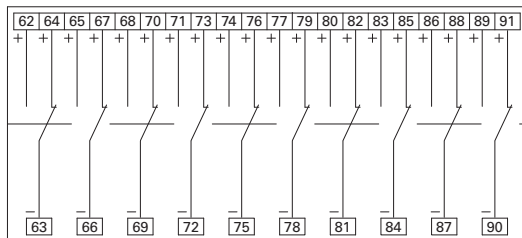
Notes:

- (1) Position contact terminal #56-#61 do not pass through the secondary terminal
- (2) Buttons and indicator lights are provided by users themselves
- (3) The secondary wiring of the power supply module is shown in the diagram - the external power supply is input from U1 (+) and U2 (-), and the two output terminals of the power supply module are connected separately to corresponding secondary wiring terminals #1 (+) and #2 (-)
- (4) The contact output functions are optional. The output functions can be selected with reference to "DO Function Setting Table" on Page 25; for default settings, refer to "Contact Default Setting" on Page 39.
- (5) The above circuit diagrams are the ones when the circuit breaker is in the open position.
- (6) Voltage protection of Phase A, B, C and N is connected to terminals with the maximum voltage of 400V; if above 400V, a voltage module is required
- (7) This wiring diagram includes all the functions. Optional functions are available only after selected and equipped by users

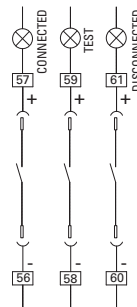
IZM65, IZM67 electrical wiring diagram



External auxiliary contact terminal number



Cell Switch electrical wiring diagram



Terminal numbers are described as follows:

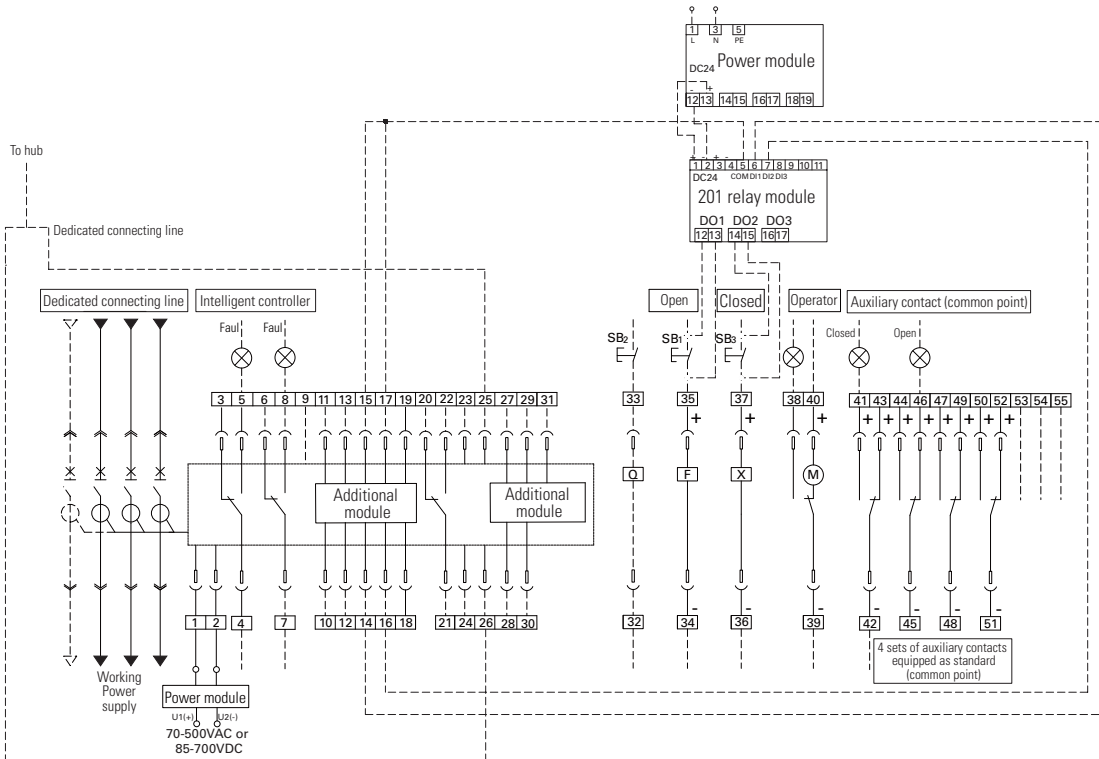
1# 2#	24VDC working power supply input
3# 4# 5#	Overcurrent trip switches (OTS) output
6# 7# 8#	Overcurrent trip switches 2 (OTS) output (added function)
9#	Reserved
10# 11#	First contact output wiring terminal (added function)
12# 13#	Second contact output wiring terminal (added function)
14# 15#	Third contact output wiring terminal (added function)
16# 17#	Forth contact output wiring terminal (added function)
18# 19#	Remote reset wiring terminal (added function)
20# 21# 22#	LCS wiring terminal (added function)
23# 24#	External transformer terminal (added function)
25# 26#	Communication wiring terminal (added function)

27#	Phase A wiring terminal (input voltage ≤ 230V) (added function)
28#	Phase B wiring terminal (input voltage ≤ 230V) (added function)
29#	Phase C wiring terminal (input voltage ≤ 230V) (added function)
30#	N-phase wiring terminal (added function)
31#	PE-phase wiring terminal
32# 33#	Under voltage coil wiring terminal (added function)
34# 35#	Shunt coil wiring terminal (added function)
36# 37#	Closing coil
38# 39# 40#	Motor operator mechanism wiring terminal
41#-52#	Auxiliary contact wiring terminal
53# 54# 55#	Reserved

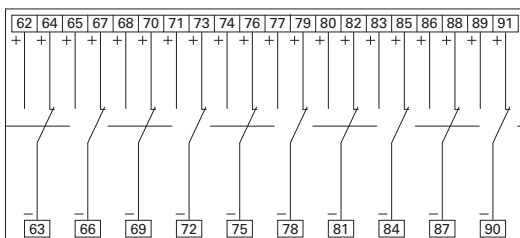
Notes:

- (1) Position contact terminal #56-#61 do not pass through the secondary terminal
- (2) Buttons and indicator lights are provided by users themselves
- (3) The secondary wiring of the power supply module is shown in the diagram - the external power supply is input from U1 (+) and U2 (-), and the two output terminals of the power supply module are connected separately to corresponding secondary wiring terminals #1 (+) and #2 (-)
- (4) The contact output functions are optional. The output functions can be selected with reference to "DO Function Setting Table" on Page 25; for default settings, refer to "Contact Default Setting" on Page 39.
- (5) The above circuit diagrams are the ones when the circuit breaker is in the open position.
- (6) Voltage protection of Phase A, B, C and N is connected to terminals with the maximum voltage of 400V; if above 400V, a voltage module is required
- (7) This wiring diagram includes all the functions. Optional functions are available only after selected and equipped by users

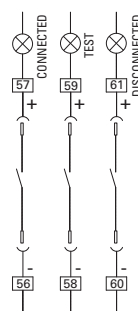
IZM65, IZM67 electrical wiring diagram (with communication function)



External auxiliary contact terminal number



Cell Switch electrical wiring diagram

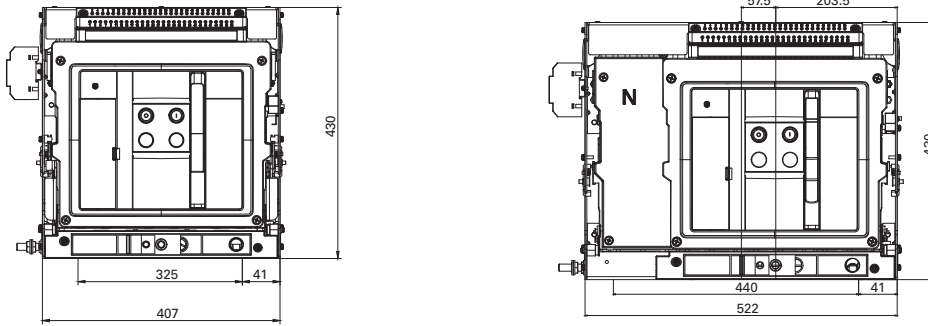


IZM6 Series Air Circuit Breakers

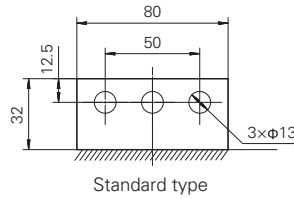
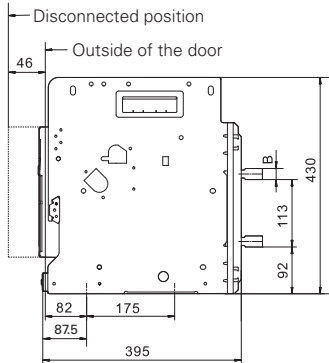
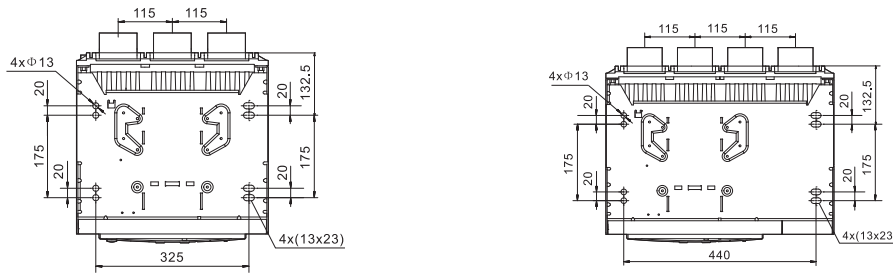
Outline Dimensions

Drawout type (IZM65 400-2500A)

Front view



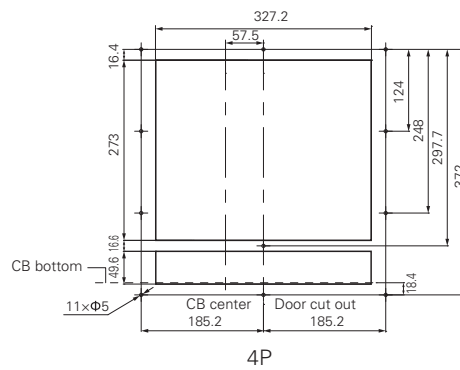
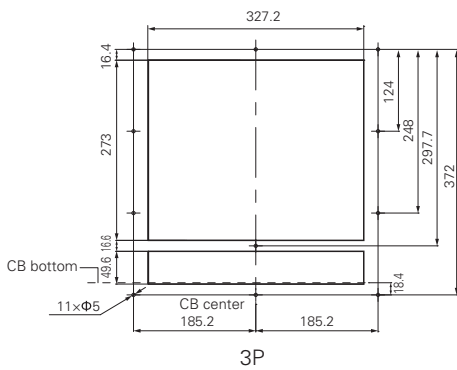
Horizontal wiring



The shaded part is the lap surface of the busbar

Current	400-1600A	2000-2500A
Dimensions B (mm)	10	20

Door escutcheon cutout

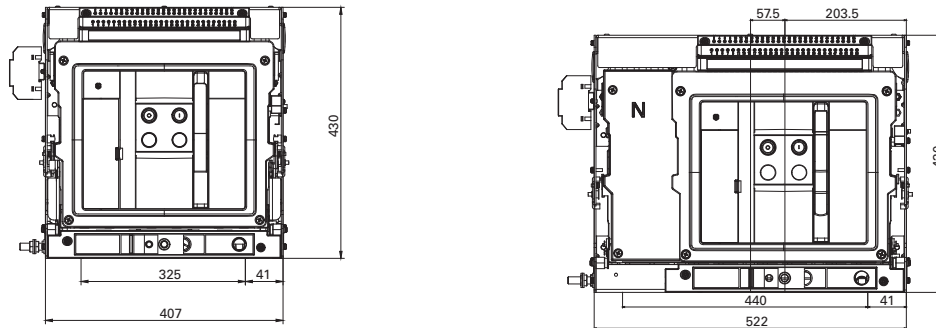


IZM6 Series Air Circuit Breakers

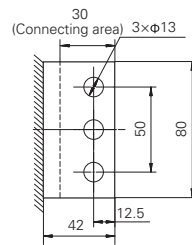
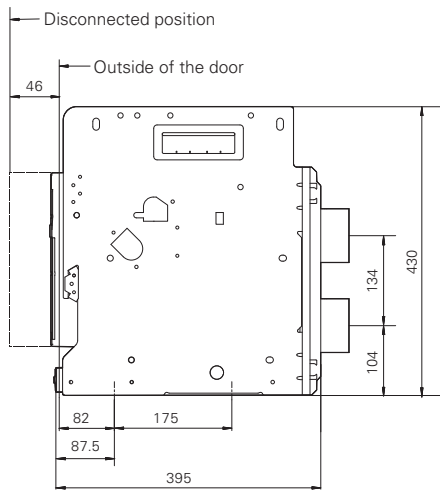
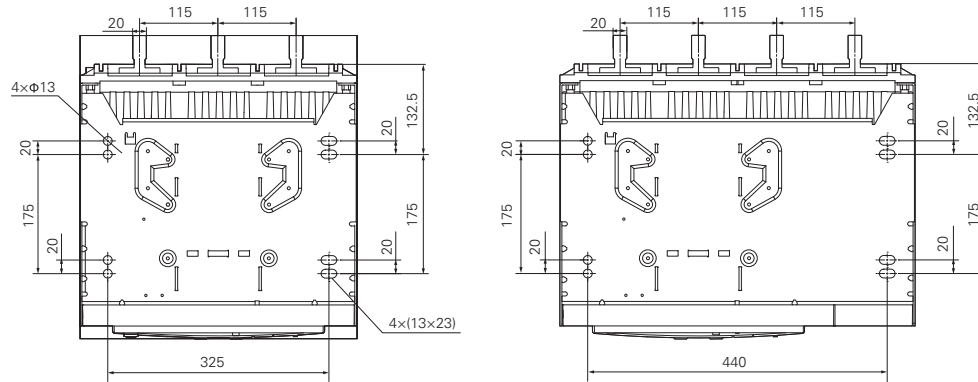
Outline Dimensions

Drawout type (IZM67 2000-3200A)

Front view



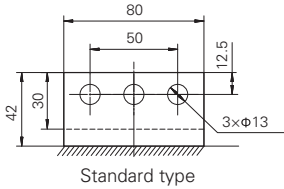
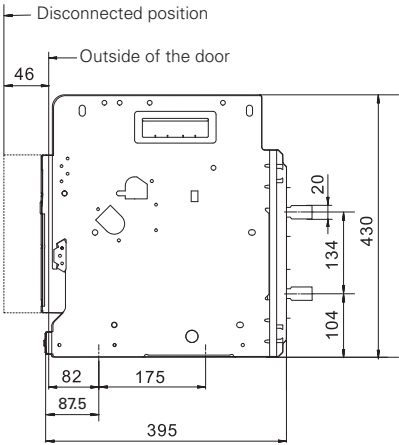
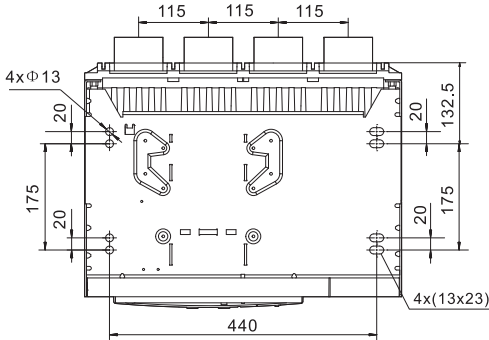
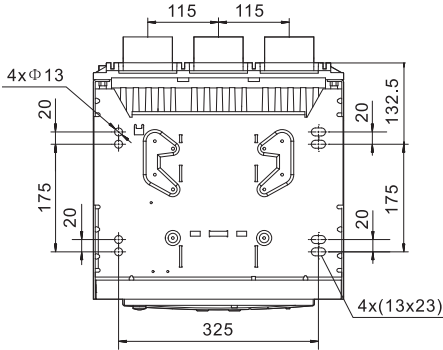
Vertical wiring



Standard type

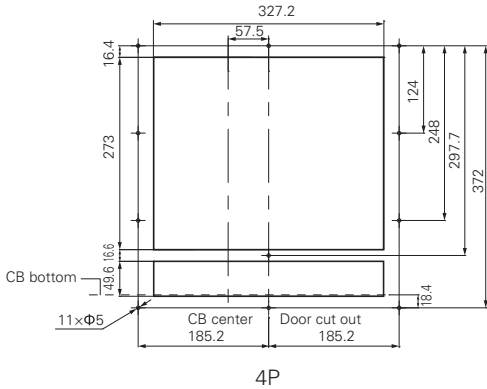
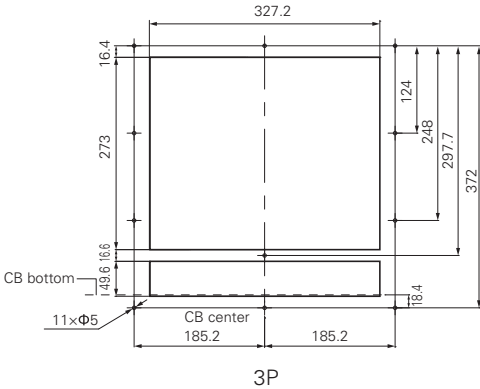
Drawout type (IZM67 2000-3200A)

Horizontal wiring



The shaded part is the lap surface of the busbar

Door escutcheon cutout

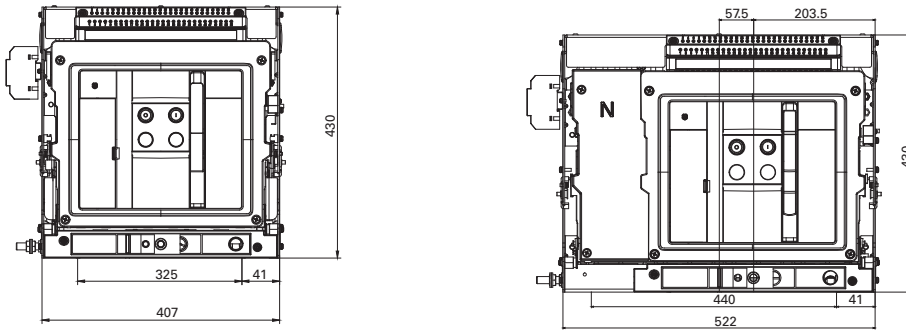


IZM6 Series Air Circuit Breakers

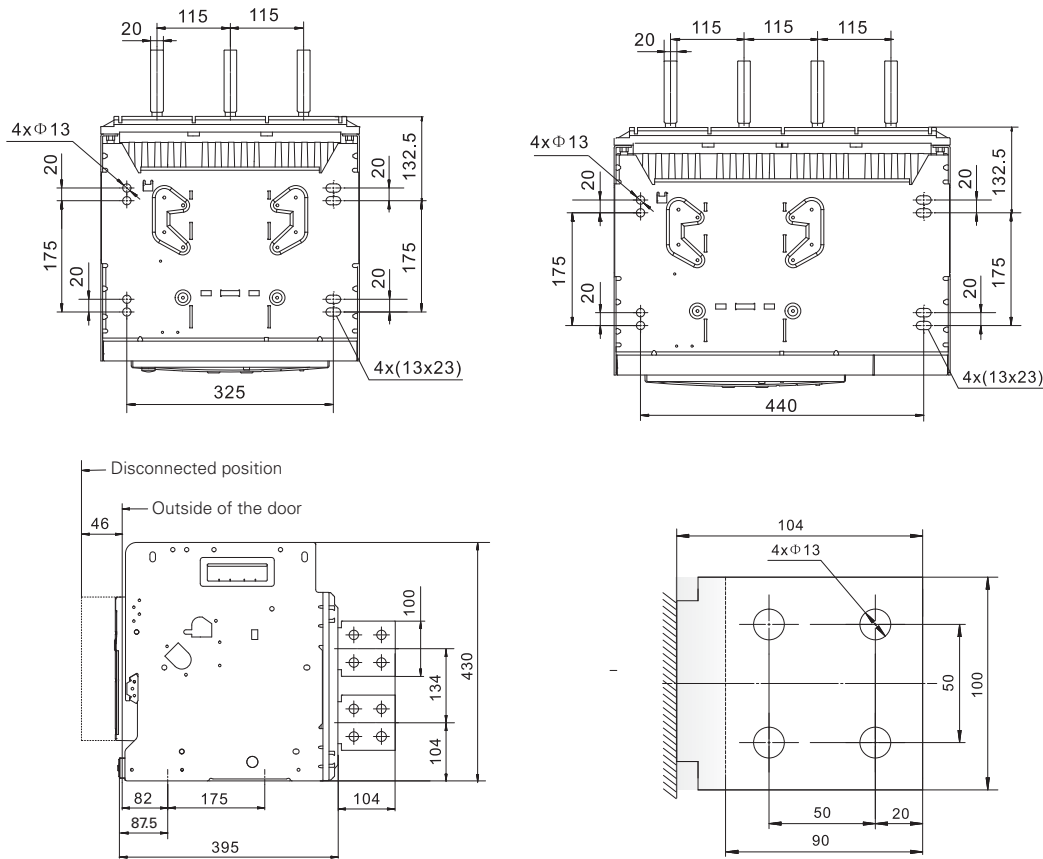
Outline Dimensions

Drawout type (IZM67 4000A)

Front view



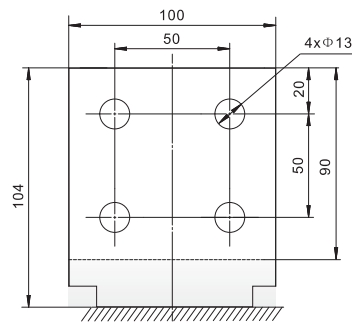
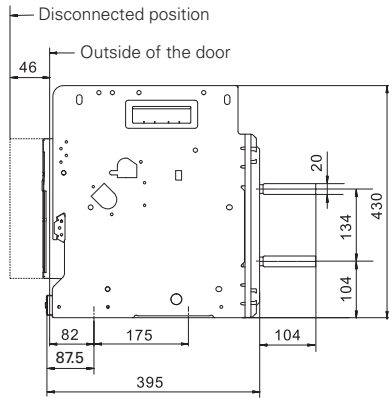
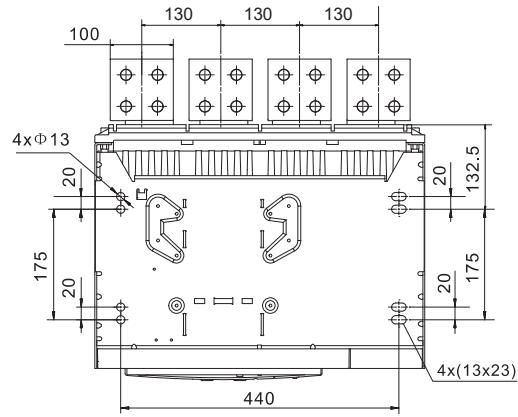
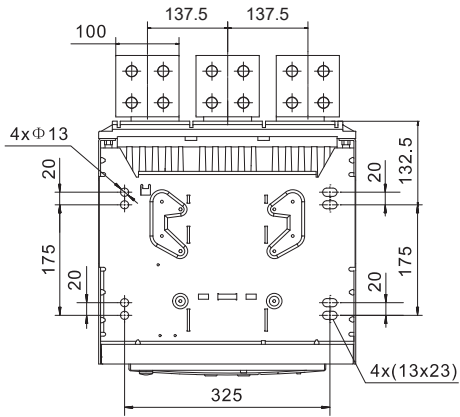
Vertical wiring



The shaded part is the lap surface of the busbar

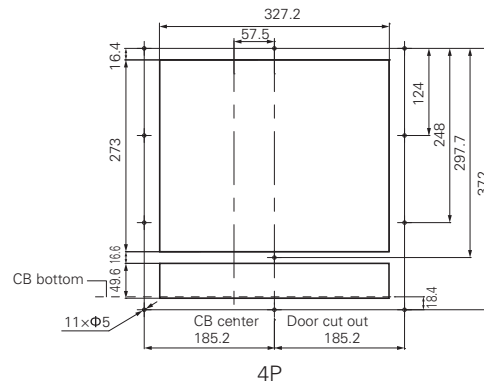
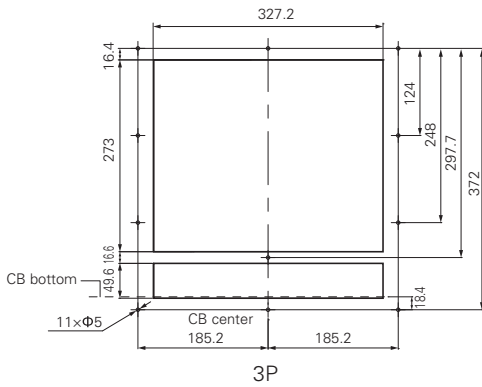
Drawout type (IZM67 4000A)

Horizontal wiring



The shaded part is the lap surface of the busbar

Door escutcheon cutout

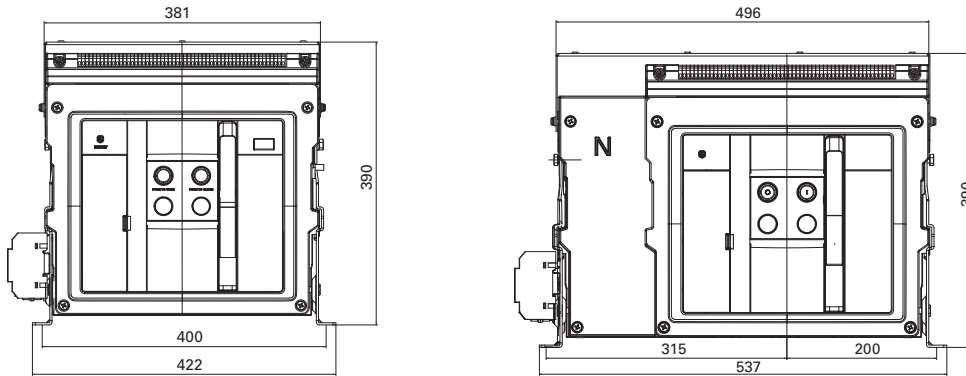


IZM6 Series Air Circuit Breakers

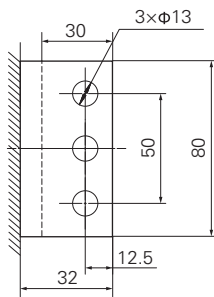
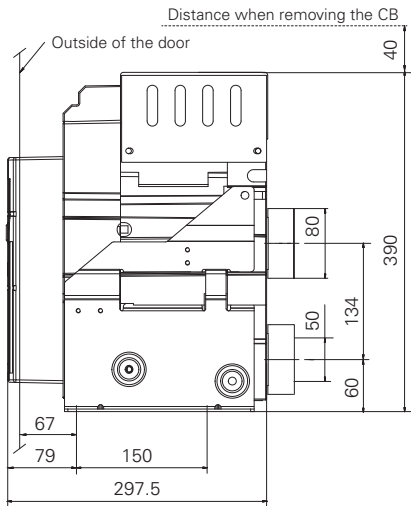
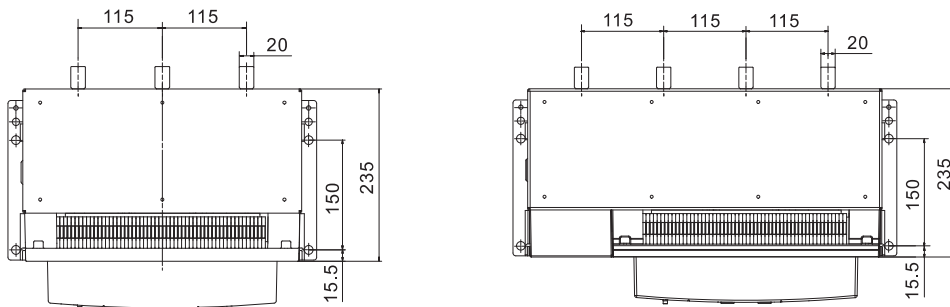
Outline Dimensions

Fixed type (IZM67 2000-3200A)

Front view



Vertical wiring

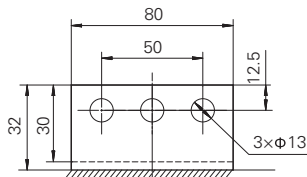
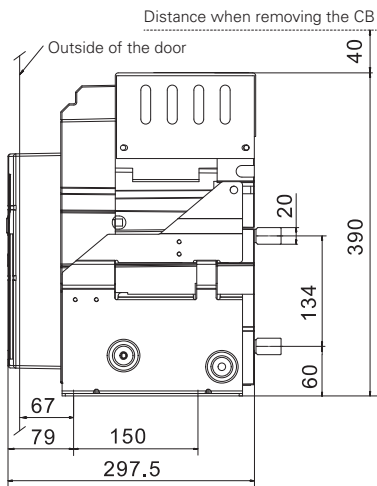
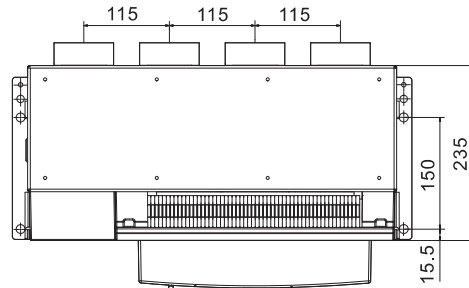
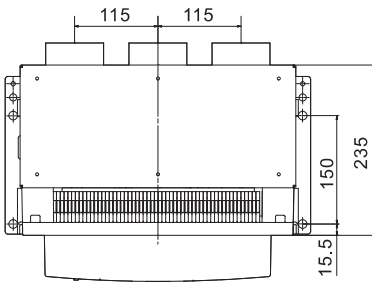


Standard type

The shaded part is the lap surface of the busbar

Fixed type (IZM67 2000-3200A)

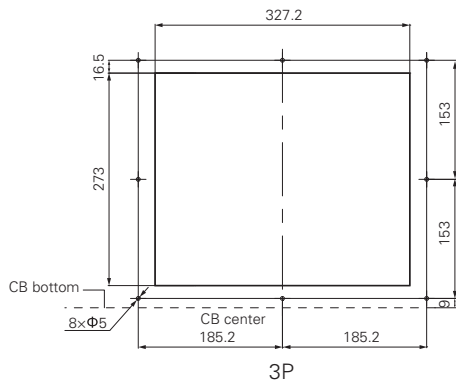
Horizontal wiring



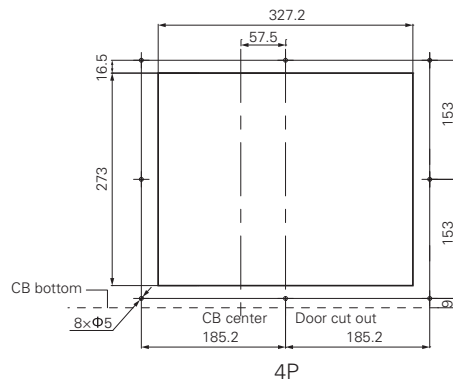
Standard type

The shaded part is the lap surface of the busbar

Door escutcheon cutout



3P



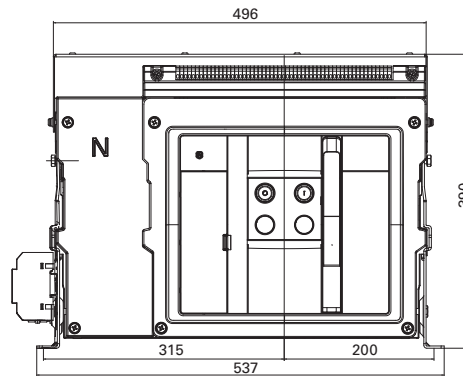
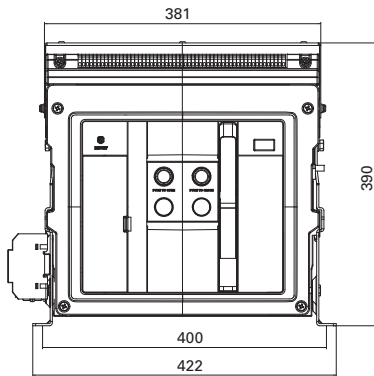
4P

IZM6 Series Air Circuit Breakers

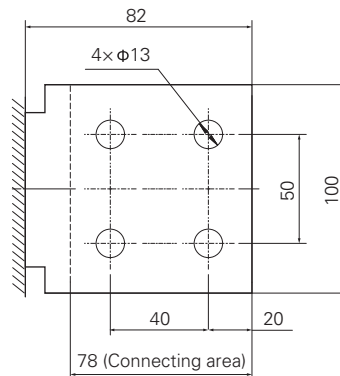
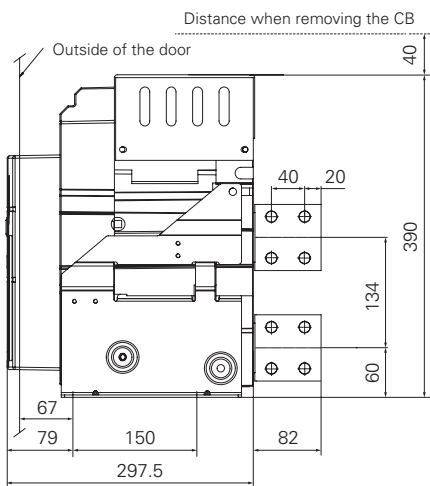
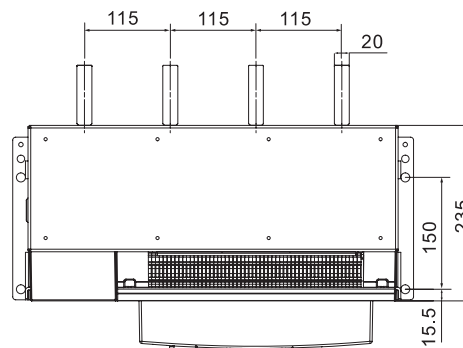
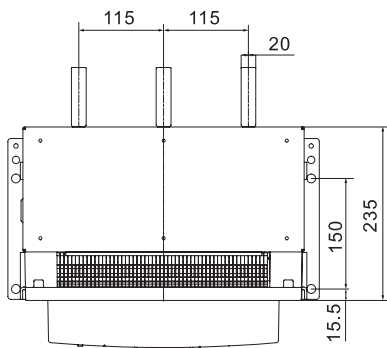
Outline Dimensions

Fixed type (IZM67 4000A)

Front view



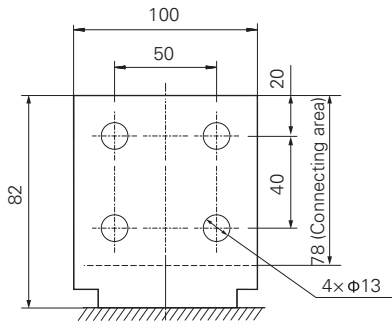
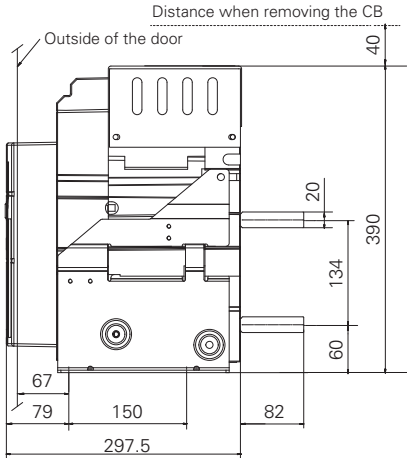
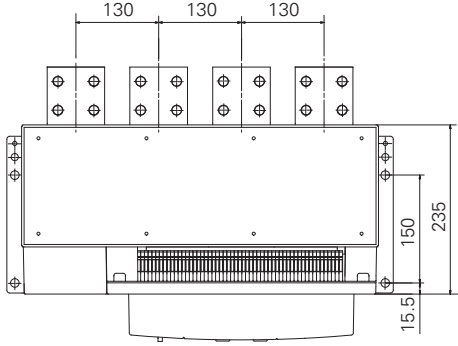
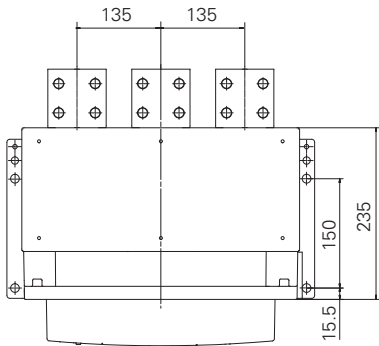
Vertical wiring



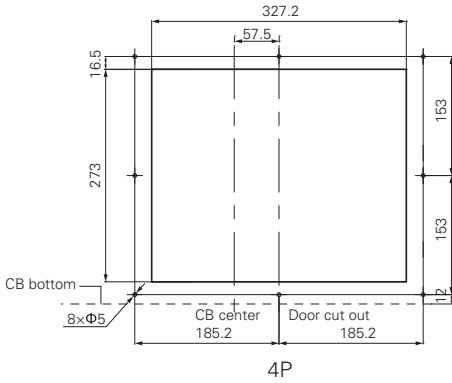
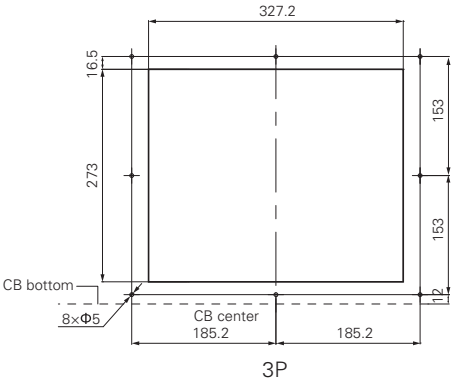
The shaded part is the lap surface of the busbar

Fixed type (IZM67 4000A)

Horizontal wiring



Door escutcheon cutout



IZM6 Series Air Circuit Breakers

Ordering Description

Devices supplied as standard:

Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, safety shutter, arc distinguishing cover, and handle.

PXR6.1A trip unit supplied as standard – Current mode (LCD), drawout type

Current mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	55	IZM65B3-A04WH	CAM-90192	IZM65B4-A04WH	CAM-90204
	630	55	IZM65B3-A06WH	CAM-90193	IZM65B4-A06WH	CAM-90205
	800	55	IZM65B3-A08WH	CAM-90194	IZM65B4-A08WH	CAM-90206
	1000	55	IZM65B3-A10WH	CAM-90195	IZM65B4-A10WH	CAM-90207
	1250	55	IZM65B3-A12WH	CAM-90196	IZM65B4-A12WH	CAM-90208
	1600	55	IZM65B3-A16WH	CAM-90197	IZM65B4-A16WH	CAM-90209
	2000	55	IZM65B3-A20WH	CAM-90198	IZM65B4-A20WH	CAM-90210
	2500	55	IZM65B3-A25WH	CAM-90199	IZM65B4-A25WH	CAM-90211
IZM67	2000	55	IZM67B3-A20WH	CAM-90200	IZM67B4-A20WH	CAM-90212
	2500	55	IZM67B3-A25WH	CAM-90201	IZM67B4-A25WH	CAM-90213
	3200	55	IZM67B3-A32WH	CAM-90202	IZM67B4-A32WH	CAM-90214
	4000	55	IZM67B3-A40WH	CAM-90203	IZM67B4-A40WH	CAM-90215
Current mode LSI + ground						
IZM65	400	55	IZM65B3-AG04WH	CAM-90216	IZM65B4-AG04WH	CAM-90228
	630	55	IZM65B3-AG06WH	CAM-90217	IZM65B4-AG06WH	CAM-90229
	800	55	IZM65B3-AG08WH	CAM-90218	IZM65B4-AG08WH	CAM-90230
	1000	55	IZM65B3-AG10WH	CAM-90219	IZM65B4-AG10WH	CAM-90231
	1250	55	IZM65B3-AG12WH	CAM-90220	IZM65B4-AG12WH	CAM-90232
	1600	55	IZM65B3-AG16WH	CAM-90221	IZM65B4-AG16WH	CAM-90233
	2000	55	IZM65B3-AG20WH	CAM-90222	IZM65B4-AG20WH	CAM-90234
	2500	55	IZM65B3-AG25WH	CAM-90223	IZM65B4-AG25WH	CAM-90235
IZM67	2000	55	IZM67B3-AG20WH	CAM-90224	IZM67B4-AG20WH	CAM-90236
	2500	55	IZM67B3-AG25WH	CAM-90225	IZM67B4-AG25WH	CAM-90237
	3200	55	IZM67B3-AG32WH	CAM-90226	IZM67B4-AG32WH	CAM-90238
	4000	55	IZM67B3-AG40WH	CAM-90227	IZM67B4-AG40WH	CAM-90239
Current mode LSI + communication						
IZM65	400	55	IZM65B3-AC04WH	CAM-90240	IZM65B4-AC04WH	CAM-90252
	630	55	IZM65B3-AC06WH	CAM-90241	IZM65B4-AC06WH	CAM-90253
	800	55	IZM65B3-AC08WH	CAM-90242	IZM65B4-AC08WH	CAM-90254
	1000	55	IZM65B3-AC10WH	CAM-90243	IZM65B4-AC10WH	CAM-90255
	1250	55	IZM65B3-AC12WH	CAM-90244	IZM65B4-AC12WH	CAM-90256
	1600	55	IZM65B3-AC16WH	CAM-90245	IZM65B4-AC16WH	CAM-90257
	2000	55	IZM65B3-AC20WH	CAM-90246	IZM65B4-AC20WH	CAM-90258
	2500	55	IZM65B3-AC25WH	CAM-90247	IZM65B4-AC25WH	CAM-90259
IZM67	2000	55	IZM67B3-AC20WH	CAM-90248	IZM67B4-AC20WH	CAM-90260
	2500	55	IZM67B3-AC25WH	CAM-90249	IZM67B4-AC25WH	CAM-90261
	3200	55	IZM67B3-AC32WH	CAM-90250	IZM67B4-AC32WH	CAM-90262
	4000	55	IZM67B3-AC40WH	CAM-90251	IZM67B4-AC40WH	CAM-90263
Current mode LSI + ground + communication						
IZM65	400	55	IZM65B3-AGC04WH	CAM-90264	IZM65B4-AGC04WH	CAM-90276
	630	55	IZM65B3-AGC06WH	CAM-90265	IZM65B4-AGC06WH	CAM-90277
	800	55	IZM65B3-AGC08WH	CAM-90266	IZM65B4-AGC08WH	CAM-90278
	1000	55	IZM65B3-AGC10WH	CAM-90267	IZM65B4-AGC10WH	CAM-90279
	1250	55	IZM65B3-AGC12WH	CAM-90268	IZM65B4-AGC12WH	CAM-90280
	1600	55	IZM65B3-AGC16WH	CAM-90269	IZM65B4-AGC16WH	CAM-90281
	2000	55	IZM65B3-AGC20WH	CAM-90270	IZM65B4-AGC20WH	CAM-90282
	2500	55	IZM65B3-AGC25WH	CAM-90271	IZM65B4-AGC25WH	CAM-90283
IZM67	2000	55	IZM67B3-AGC20WH	CAM-90272	IZM67B4-AGC20WH	CAM-90284
	2500	55	IZM67B3-AGC25WH	CAM-90273	IZM67B4-AGC25WH	CAM-90285
	3200	55	IZM67B3-AGC32WH	CAM-90274	IZM67B4-AGC32WH	CAM-90286
	4000	55	IZM67B3-AGC40WH	CAM-90275	IZM67B4-AGC40WH	CAM-90287

Devices supplied as standard:

Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, safety shutter, arc distinguishing cover, and handle.

PXR6.1A trip unit supplied as standard – Current mode (LCD), drawout type

Current mode LSI			3P		4P	
Frame	Rated current I _n (A)	Switching Capacity I _{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	66	IZM65N3-A04WH	CAM-90000	IZM65N4-A04WH	CAM-90012
	630	66	IZM65N3-A06WH	CAM-90001	IZM65N4-A06WH	CAM-90013
	800	66	IZM65N3-A08WH	CAM-90002	IZM65N4-A08WH	CAM-90014
	1000	66	IZM65N3-A10WH	CAM-90003	IZM65N4-A10WH	CAM-90015
	1250	66	IZM65N3-A12WH	CAM-90004	IZM65N4-A12WH	CAM-90016
	1600	66	IZM65N3-A16WH	CAM-90005	IZM65N4-A16WH	CAM-90017
	2000	66	IZM65N3-A20WH	CAM-90006	IZM65N4-A20WH	CAM-90018
	2500	66	IZM65N3-A25WH	CAM-90007	IZM65N4-A25WH	CAM-90019
IZM67	2000	66	IZM67N3-A20WH	CAM-90008	IZM67N4-A20WH	CAM-90020
	2500	66	IZM67N3-A25WH	CAM-90009	IZM67N4-A25WH	CAM-90021
	3200	66	IZM67N3-A32WH	CAM-90010	IZM67N4-A32WH	CAM-90022
	4000	66	IZM67N3-A40WH	CAM-90011	IZM67N4-A40WH	CAM-90023
Current mode LSI + ground						
IZM65	400	66	IZM65N3-AG04WH	CAM-90024	IZM65N4-AG04WH	CAM-90036
	630	66	IZM65N3-AG06WH	CAM-90025	IZM65N4-AG06WH	CAM-90037
	800	66	IZM65N3-AG08WH	CAM-90026	IZM65N4-AG08WH	CAM-90038
	1000	66	IZM65N3-AG10WH	CAM-90027	IZM65N4-AG10WH	CAM-90039
	1250	66	IZM65N3-AG12WH	CAM-90028	IZM65N4-AG12WH	CAM-90040
	1600	66	IZM65N3-AG16WH	CAM-90029	IZM65N4-AG16WH	CAM-90041
	2000	66	IZM65N3-AG20WH	CAM-90030	IZM65N4-AG20WH	CAM-90042
	2500	66	IZM65N3-AG25WH	CAM-90031	IZM65N4-AG25WH	CAM-90043
IZM67	2000	66	IZM67N3-AG20WH	CAM-90032	IZM67N4-AG20WH	CAM-90044
	2500	66	IZM67N3-AG25WH	CAM-90033	IZM67N4-AG25WH	CAM-90045
	3200	66	IZM67N3-AG32WH	CAM-90034	IZM67N4-AG32WH	CAM-90046
	4000	66	IZM67N3-AG40WH	CAM-90035	IZM67N4-AG40WH	CAM-90047
Current mode LSI + communication						
IZM65	400	66	IZM65N3-AC04WH	CAM-90048	IZM65N4-AC04WH	CAM-90060
	630	66	IZM65N3-AC06WH	CAM-90049	IZM65N4-AC06WH	CAM-90061
	800	66	IZM65N3-AC08WH	CAM-90050	IZM65N4-AC08WH	CAM-90062
	1000	66	IZM65N3-AC10WH	CAM-90051	IZM65N4-AC10WH	CAM-90063
	1250	66	IZM65N3-AC12WH	CAM-90052	IZM65N4-AC12WH	CAM-90064
	1600	66	IZM65N3-AC16WH	CAM-90053	IZM65N4-AC16WH	CAM-90065
	2000	66	IZM65N3-AC20WH	CAM-90054	IZM65N4-AC20WH	CAM-90066
	2500	66	IZM65N3-AC25WH	CAM-90055	IZM65N4-AC25WH	CAM-90067
IZM67	2000	66	IZM67N3-AC20WH	CAM-90056	IZM67N4-AC20WH	CAM-90068
	2500	66	IZM67N3-AC25WH	CAM-90057	IZM67N4-AC25WH	CAM-90069
	3200	66	IZM67N3-AC32WH	CAM-90058	IZM67N4-AC32WH	CAM-90070
	4000	66	IZM67N3-AC40WH	CAM-90059	IZM67N4-AC40WH	CAM-90071
Current mode LSI + ground + communication						
IZM65	400	66	IZM65N3-AGC04WH	CAM-90072	IZM65N4-AGC04WH	CAM-90084
	630	66	IZM65N3-AGC06WH	CAM-90073	IZM65N4-AGC06WH	CAM-90085
	800	66	IZM65N3-AGC08WH	CAM-90074	IZM65N4-AGC08WH	CAM-90086
	1000	66	IZM65N3-AGC10WH	CAM-90075	IZM65N4-AGC10WH	CAM-90087
	1250	66	IZM65N3-AGC12WH	CAM-90076	IZM65N4-AGC12WH	CAM-90088
	1600	66	IZM65N3-AGC16WH	CAM-90077	IZM65N4-AGC16WH	CAM-90089
	2000	66	IZM65N3-AGC20WH	CAM-90078	IZM65N4-AGC20WH	CAM-90090
	2500	66	IZM65N3-AGC25WH	CAM-90079	IZM65N4-AGC25WH	CAM-90091
IZM67	2000	66	IZM67N3-AGC20WH	CAM-90080	IZM67N4-AGC20WH	CAM-90092
	2500	66	IZM67N3-AGC25WH	CAM-90081	IZM67N4-AGC25WH	CAM-90093
	3200	66	IZM67N3-AGC32WH	CAM-90082	IZM67N4-AGC32WH	CAM-90094
	4000	66	IZM67N3-AGC40WH	CAM-90083	IZM67N4-AGC40WH	CAM-90095

IZM6 Series Air Circuit Breakers

Ordering Description

Devices supplied as standard:

Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, safety shutter, arc distinguishing cover, and handle.

PXR6.1E trip unit supplied as standard – Current-voltage mode (LCD), drawout type

Current-voltage mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	55	IZM65B3-E04WH	CAM-90576	IZM65B4-E04WH	CAM-90588
	630	55	IZM65B3-E06WH	CAM-90577	IZM65B4-E06WH	CAM-90589
	800	55	IZM65B3-E08WH	CAM-90578	IZM65B4-E08WH	CAM-90590
	1000	55	IZM65B3-E10WH	CAM-90579	IZM65B4-E10WH	CAM-90591
	1250	55	IZM65B3-E12WH	CAM-90580	IZM65B4-E12WH	CAM-90592
	1600	55	IZM65B3-E16WH	CAM-90581	IZM65B4-E16WH	CAM-90593
	2000	55	IZM65B3-E20WH	CAM-90582	IZM65B4-E20WH	CAM-90594
	2500	55	IZM65B3-E25WH	CAM-90583	IZM65B4-E25WH	CAM-90595
IZM67	2000	55	IZM67B3-E20WH	CAM-90584	IZM67B4-E20WH	CAM-90596
	2500	55	IZM67B3-E25WH	CAM-90585	IZM67B4-E25WH	CAM-90597
	3200	55	IZM67B3-E32WH	CAM-90586	IZM67B4-E32WH	CAM-90598
	4000	55	IZM67B3-E40WH	CAM-90587	IZM67B4-E40WH	CAM-90599
Current-voltage mode LSI + ground						
IZM65	400	55	IZM65B3-EG04WH	CAM-90600	IZM65B4-EG04WH	CAM-90612
	630	55	IZM65B3-EG06WH	CAM-90601	IZM65B4-EG06WH	CAM-90613
	800	55	IZM65B3-EG08WH	CAM-90602	IZM65B4-EG08WH	CAM-90614
	1000	55	IZM65B3-EG10WH	CAM-90603	IZM65B4-EG10WH	CAM-90615
	1250	55	IZM65B3-EG12WH	CAM-90604	IZM65B4-EG12WH	CAM-90616
	1600	55	IZM65B3-EG16WH	CAM-90605	IZM65B4-EG16WH	CAM-90617
	2000	55	IZM65B3-EG20WH	CAM-90606	IZM65B4-EG20WH	CAM-90618
	2500	55	IZM65B3-EG25WH	CAM-90607	IZM65B4-EG25WH	CAM-90619
IZM67	2000	55	IZM67B3-EG20WH	CAM-90608	IZM67B4-EG20WH	CAM-90620
	2500	55	IZM67B3-EG25WH	CAM-90609	IZM67B4-EG25WH	CAM-90621
	3200	55	IZM67B3-EG32WH	CAM-90610	IZM67B4-EG32WH	CAM-90622
	4000	55	IZM67B3-EG40WH	CAM-90611	IZM67B4-EG40WH	CAM-90623
Current-voltage mode LSI + communication						
IZM65	400	55	IZM65B3-EC04WH	CAM-90624	IZM65B4-EC04WH	CAM-90636
	630	55	IZM65B3-EC06WH	CAM-90625	IZM65B4-EC06WH	CAM-90637
	800	55	IZM65B3-EC08WH	CAM-90626	IZM65B4-EC08WH	CAM-90638
	1000	55	IZM65B3-EC10WH	CAM-90627	IZM65B4-EC10WH	CAM-90639
	1250	55	IZM65B3-EC12WH	CAM-90628	IZM65B4-EC12WH	CAM-90640
	1600	55	IZM65B3-EC16WH	CAM-90629	IZM65B4-EC16WH	CAM-90641
	2000	55	IZM65B3-EC20WH	CAM-90630	IZM65B4-EC20WH	CAM-90642
	2500	55	IZM65B3-EC25WH	CAM-90631	IZM65B4-EC25WH	CAM-90643
IZM67	2000	55	IZM67B3-EC20WH	CAM-90632	IZM67B4-EC20WH	CAM-90644
	2500	55	IZM67B3-EC25WH	CAM-90633	IZM67B4-EC25WH	CAM-90645
	3200	55	IZM67B3-EC32WH	CAM-90634	IZM67B4-EC32WH	CAM-90646
	4000	55	IZM67B3-EC40WH	CAM-90635	IZM67B4-EC40WH	CAM-90647
Current-voltage mode LSI + ground + communication						
IZM65	400	55	IZM65B3-EGC04WH	CAM-90648	IZM65B4-EGC04WH	CAM-90660
	630	55	IZM65B3-EGC06WH	CAM-90649	IZM65B4-EGC06WH	CAM-90661
	800	55	IZM65B3-EGC08WH	CAM-90650	IZM65B4-EGC08WH	CAM-90662
	1000	55	IZM65B3-EGC10WH	CAM-90651	IZM65B4-EGC10WH	CAM-90663
	1250	55	IZM65B3-EGC12WH	CAM-90652	IZM65B4-EGC12WH	CAM-90664
	1600	55	IZM65B3-EGC16WH	CAM-90653	IZM65B4-EGC16WH	CAM-90665
	2000	55	IZM65B3-EGC20WH	CAM-90654	IZM65B4-EGC20WH	CAM-90666
	2500	55	IZM65B3-EGC25WH	CAM-90655	IZM65B4-EGC25WH	CAM-90667
IZM67	2000	55	IZM67B3-EGC20WH	CAM-90656	IZM67B4-EGC20WH	CAM-90668
	2500	55	IZM67B3-EGC25WH	CAM-90657	IZM67B4-EGC25WH	CAM-90669
	3200	55	IZM67B3-EGC32WH	CAM-90658	IZM67B4-EGC32WH	CAM-90670
	4000	55	IZM67B3-EGC40WH	CAM-90659	IZM67B4-EGC40WH	CAM-90671

Devices supplied as standard:

Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, safety shutter, arc distinguishing cover, and handle.

PXR6.1E trip unit supplied as standard – Current-voltage mode (LCD), drawout type

Current-voltage mode LSI			3P		4P	
Frame	Rated current I _n (A)	Switching Capacity I _{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	66	IZM65N3-E04WH	CAM-90384	IZM65N4-E04WH	CAM-90396
	630	66	IZM65N3-E06WH	CAM-90385	IZM65N4-E06WH	CAM-90397
	800	66	IZM65N3-E08WH	CAM-90386	IZM65N4-E08WH	CAM-90398
	1000	66	IZM65N3-E10WH	CAM-90387	IZM65N4-E10WH	CAM-90399
	1250	66	IZM65N3-E12WH	CAM-90388	IZM65N4-E12WH	CAM-90400
	1600	66	IZM65N3-E16WH	CAM-90389	IZM65N4-E16WH	CAM-90401
	2000	66	IZM65N3-E20WH	CAM-90390	IZM65N4-E20WH	CAM-90402
	2500	66	IZM65N3-E25WH	CAM-90391	IZM65N4-E25WH	CAM-90403
IZM67	2000	66	IZM67N3-E20WH	CAM-90392	IZM67N4-E20WH	CAM-90404
	2500	66	IZM67N3-E25WH	CAM-90393	IZM67N4-E25WH	CAM-90405
	3200	66	IZM67N3-E32WH	CAM-90394	IZM67N4-E32WH	CAM-90406
	4000	66	IZM67N3-E40WH	CAM-90395	IZM67N4-E40WH	CAM-90407
Current-voltage mode LSI + ground						
IZM65	400	66	IZM65N3-EG04WH	CAM-90408	IZM65N4-EG04WH	CAM-90420
	630	66	IZM65N3-EG06WH	CAM-90409	IZM65N4-EG06WH	CAM-90421
	800	66	IZM65N3-EG08WH	CAM-90410	IZM65N4-EG08WH	CAM-90422
	1000	66	IZM65N3-EG10WH	CAM-90411	IZM65N4-EG10WH	CAM-90423
	1250	66	IZM65N3-EG12WH	CAM-90412	IZM65N4-EG12WH	CAM-90424
	1600	66	IZM65N3-EG16WH	CAM-90413	IZM65N4-EG16WH	CAM-90425
	2000	66	IZM65N3-EG20WH	CAM-90414	IZM65N4-EG20WH	CAM-90426
	2500	66	IZM65N3-EG25WH	CAM-90415	IZM65N4-EG25WH	CAM-90427
IZM67	2000	66	IZM67N3-EG20WH	CAM-90416	IZM67N4-EG20WH	CAM-90428
	2500	66	IZM67N3-EG25WH	CAM-90417	IZM67N4-EG25WH	CAM-90429
	3200	66	IZM67N3-EG32WH	CAM-90418	IZM67N4-EG32WH	CAM-90430
	4000	66	IZM67N3-EG40WH	CAM-90419	IZM67N4-EG40WH	CAM-90431
Current-voltage mode LSI + communication						
IZM65	400	66	IZM65N3-EC04WH	CAM-90432	IZM65N4-EC04WH	CAM-90444
	630	66	IZM65N3-EC06WH	CAM-90433	IZM65N4-EC06WH	CAM-90445
	800	66	IZM65N3-EC08WH	CAM-90434	IZM65N4-EC08WH	CAM-90446
	1000	66	IZM65N3-EC10WH	CAM-90435	IZM65N4-EC10WH	CAM-90447
	1250	66	IZM65N3-EC12WH	CAM-90436	IZM65N4-EC12WH	CAM-90448
	1600	66	IZM65N3-EC16WH	CAM-90437	IZM65N4-EC16WH	CAM-90449
	2000	66	IZM65N3-EC20WH	CAM-90438	IZM65N4-EC20WH	CAM-90450
	2500	66	IZM65N3-EC25WH	CAM-90439	IZM65N4-EC25WH	CAM-90451
IZM67	2000	66	IZM67N3-EC20WH	CAM-90440	IZM67N4-EC20WH	CAM-90452
	2500	66	IZM67N3-EC25WH	CAM-90441	IZM67N4-EC25WH	CAM-90453
	3200	66	IZM67N3-EC32WH	CAM-90442	IZM67N4-EC32WH	CAM-90454
	4000	66	IZM67N3-EC40WH	CAM-90443	IZM67N4-EC40WH	CAM-90455
Current-voltage mode LSI + ground + communication						
IZM65	400	66	IZM65N3-EGC04WH	CAM-90456	IZM65N4-EGC04WH	CAM-90468
	630	66	IZM65N3-EGC06WH	CAM-90457	IZM65N4-EGC06WH	CAM-90469
	800	66	IZM65N3-EGC08WH	CAM-90458	IZM65N4-EGC08WH	CAM-90470
	1000	66	IZM65N3-EGC10WH	CAM-90459	IZM65N4-EGC10WH	CAM-90471
	1250	66	IZM65N3-EGC12WH	CAM-90460	IZM65N4-EGC12WH	CAM-90472
	1600	66	IZM65N3-EGC16WH	CAM-90461	IZM65N4-EGC16WH	CAM-90473
	2000	66	IZM65N3-EGC20WH	CAM-90462	IZM65N4-EGC20WH	CAM-90474
	2500	66	IZM65N3-EGC25WH	CAM-90463	IZM65N4-EGC25WH	CAM-90475
IZM67	2000	66	IZM67N3-EGC20WH	CAM-90464	IZM67N4-EGC20WH	CAM-90476
	2500	66	IZM67N3-EGC25WH	CAM-90465	IZM67N4-EGC25WH	CAM-90477
	3200	66	IZM67N3-EGC32WH	CAM-90466	IZM67N4-EGC32WH	CAM-90478
	4000	66	IZM67N3-EGC40WH	CAM-90467	IZM67N4-EGC40WH	CAM-90479

IZM6 Series Air Circuit Breakers

Ordering Description

Devices supplied as standard:

Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, safety shutter, arc distinguishing cover, and handle.

PXR6.1P trip unit supplied as standard – Power mode (LCD), drawout type

Power mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	55	IZM65B3-P04WH	CAM-90960	IZM65B4-P04WH	CAM-90972
	630	55	IZM65B3-P06WH	CAM-90961	IZM65B4-P06WH	CAM-90973
	800	55	IZM65B3-P08WH	CAM-90962	IZM65B4-P08WH	CAM-90974
	1000	55	IZM65B3-P10WH	CAM-90963	IZM65B4-P10WH	CAM-90975
	1250	55	IZM65B3-P12WH	CAM-90964	IZM65B4-P12WH	CAM-90976
	1600	55	IZM65B3-P16WH	CAM-90965	IZM65B4-P16WH	CAM-90977
	2000	55	IZM65B3-P20WH	CAM-90966	IZM65B4-P20WH	CAM-90978
	2500	55	IZM65B3-P25WH	CAM-90967	IZM65B4-P25WH	CAM-90979
IZM67	2000	55	IZM67B3-P20WH	CAM-90968	IZM67B4-P20WH	CAM-90980
	2500	55	IZM67B3-P25WH	CAM-90969	IZM67B4-P25WH	CAM-90981
	3200	55	IZM67B3-P32WH	CAM-90970	IZM67B4-P32WH	CAM-90982
	4000	55	IZM67B3-P40WH	CAM-90971	IZM67B4-P40WH	CAM-90983
Power mode LSI + ground						
IZM65	400	55	IZM65B3-PG04WH	CAM-90984	IZM65B4-PG04WH	CAM-90996
	630	55	IZM65B3-PG06WH	CAM-90985	IZM65B4-PG06WH	CAM-90997
	800	55	IZM65B3-PG08WH	CAM-90986	IZM65B4-PG08WH	CAM-90998
	1000	55	IZM65B3-PG10WH	CAM-90987	IZM65B4-PG10WH	CAM-90999
	1250	55	IZM65B3-PG12WH	CAM-90988	IZM65B4-PG12WH	CAM-91000
	1600	55	IZM65B3-PG16WH	CAM-90989	IZM65B4-PG16WH	CAM-91001
	2000	55	IZM65B3-PG20WH	CAM-90990	IZM65B4-PG20WH	CAM-91002
	2500	55	IZM65B3-PG25WH	CAM-90991	IZM65B4-PG25WH	CAM-91003
IZM67	2000	55	IZM67B3-PG20WH	CAM-90992	IZM67B4-PG20WH	CAM-91004
	2500	55	IZM67B3-PG25WH	CAM-90993	IZM67B4-PG25WH	CAM-91005
	3200	55	IZM67B3-PG32WH	CAM-90994	IZM67B4-PG32WH	CAM-91006
	4000	55	IZM67B3-PG40WH	CAM-90995	IZM67B4-PG40WH	CAM-91007
Power mode LSI + communication						
IZM65	400	55	IZM65B3-PC04WH	CAM-91008	IZM65B4-PC04WH	CAM-91020
	630	55	IZM65B3-PC06WH	CAM-91009	IZM65B4-PC06WH	CAM-91021
	800	55	IZM65B3-PC08WH	CAM-91010	IZM65B4-PC08WH	CAM-91022
	1000	55	IZM65B3-PC10WH	CAM-91011	IZM65B4-PC10WH	CAM-91023
	1250	55	IZM65B3-PC12WH	CAM-91012	IZM65B4-PC12WH	CAM-91024
	1600	55	IZM65B3-PC16WH	CAM-91013	IZM65B4-PC16WH	CAM-91025
	2000	55	IZM65B3-PC20WH	CAM-91014	IZM65B4-PC20WH	CAM-91026
	2500	55	IZM65B3-PC25WH	CAM-91015	IZM65B4-PC25WH	CAM-91027
IZM67	2000	55	IZM67B3-PC20WH	CAM-91016	IZM67B4-PC20WH	CAM-91028
	2500	55	IZM67B3-PC25WH	CAM-91017	IZM67B4-PC25WH	CAM-91029
	3200	55	IZM67B3-PC32WH	CAM-91018	IZM67B4-PC32WH	CAM-91030
	4000	55	IZM67B3-PC40WH	CAM-91019	IZM67B4-PC40WH	CAM-91031
Power mode LSI + ground + communication						
IZM65	400	55	IZM65B3-PGC04WH	CAM-91032	IZM65B4-PGC04WH	CAM-91044
	630	55	IZM65B3-PGC06WH	CAM-91033	IZM65B4-PGC06WH	CAM-91045
	800	55	IZM65B3-PGC08WH	CAM-91034	IZM65B4-PGC08WH	CAM-91046
	1000	55	IZM65B3-PGC10WH	CAM-91035	IZM65B4-PGC10WH	CAM-91047
	1250	55	IZM65B3-PGC12WH	CAM-91036	IZM65B4-PGC12WH	CAM-91048
	1600	55	IZM65B3-PGC16WH	CAM-91037	IZM65B4-PGC16WH	CAM-91049
	2000	55	IZM65B3-PGC20WH	CAM-91038	IZM65B4-PGC20WH	CAM-91050
	2500	55	IZM65B3-PGC25WH	CAM-91039	IZM65B4-PGC25WH	CAM-91051
IZM67	2000	55	IZM67B3-PGC20WH	CAM-91040	IZM67B4-PGC20WH	CAM-91052
	2500	55	IZM67B3-PGC25WH	CAM-91041	IZM67B4-PGC25WH	CAM-91053
	3200	55	IZM67B3-PGC32WH	CAM-91042	IZM67B4-PGC32WH	CAM-91054
	4000	55	IZM67B3-PGC40WH	CAM-91043	IZM67B4-PGC40WH	CAM-91055

Devices supplied as standard:

Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, safety shutter, arc distinguishing cover, and handle.

PXR6.1P trip unit supplied as standard – Power mode (LCD), drawout type

Power mode LSI			3P	4P		
Frame	Rated current I _n (A)	Switching Capacity I _{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
Power mode LSI + residual current						
IZM65	400	55	IZM65B3-PL04WH	CAM-91200	IZM65B4-PL04WH	CAM-91212
	630	55	IZM65B3-PL06WH	CAM-91201	IZM65B4-PL06WH	CAM-91213
	800	55	IZM65B3-PL08WH	CAM-91202	IZM65B4-PL08WH	CAM-91214
	1000	55	IZM65B3-PL10WH	CAM-91203	IZM65B4-PL10WH	CAM-91215
	1250	55	IZM65B3-PL12WH	CAM-91204	IZM65B4-PL12WH	CAM-91216
	1600	55	IZM65B3-PL16WH	CAM-91205	IZM65B4-PL16WH	CAM-91217
	2000	55	IZM65B3-PL20WH	CAM-91206	IZM65B4-PL20WH	CAM-91218
	2500	55	IZM65B3-PL25WH	CAM-91207	IZM65B4-PL25WH	CAM-91219
IZM67	2000	55	IZM67B3-PL20WH	CAM-91208	IZM67B4-PL20WH	CAM-91220
	2500	55	IZM67B3-PL25WH	CAM-91209	IZM67B4-PL25WH	CAM-91221
	3200	55	IZM67B3-PL32WH	CAM-91210	IZM67B4-PL32WH	CAM-91222
	4000	55	IZM67B3-PL40WH	CAM-91211	IZM67B4-PL40WH	CAM-91223
Power mode LSI + residual current + communication						
IZM65	400	55	IZM65B3-PLC04WH	CAM-91224	IZM65B4-PLC04WH	CAM-91236
	630	55	IZM65B3-PLC06WH	CAM-91225	IZM65B4-PLC06WH	CAM-91237
	800	55	IZM65B3-PLC08WH	CAM-91226	IZM65B4-PLC08WH	CAM-91238
	1000	55	IZM65B3-PLC10WH	CAM-91227	IZM65B4-PLC10WH	CAM-91239
	1250	55	IZM65B3-PLC12WH	CAM-91228	IZM65B4-PLC12WH	CAM-91240
	1600	55	IZM65B3-PLC16WH	CAM-91229	IZM65B4-PLC16WH	CAM-91241
	2000	55	IZM65B3-PLC20WH	CAM-91230	IZM65B4-PLC20WH	CAM-91242
	2500	55	IZM65B3-PLC25WH	CAM-91231	IZM65B4-PLC25WH	CAM-91243
IZM67	2000	55	IZM67B3-PLC20WH	CAM-91232	IZM67B4-PLC20WH	CAM-91244
	2500	55	IZM67B3-PLC25WH	CAM-91233	IZM67B4-PLC25WH	CAM-91245
	3200	55	IZM67B3-PLC32WH	CAM-91234	IZM67B4-PLC32WH	CAM-91246
	4000	55	IZM67B3-PLC40WH	CAM-91235	IZM67B4-PLC40WH	CAM-91247

IZM6 Series Air Circuit Breakers

Ordering Description

Devices supplied as standard:

Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, safety shutter, arc distinguishing cover, and handle.

PXR6.1P trip unit supplied as standard – Power mode (LCD), drawout type

Power mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	66	IZM65N3-P04WH	CAM-90768	IZM65N4-P04WH	CAM-90780
	630	66	IZM65N3-P06WH	CAM-90769	IZM65N4-P06WH	CAM-90781
	800	66	IZM65N3-P08WH	CAM-90770	IZM65N4-P08WH	CAM-90782
	1000	66	IZM65N3-P10WH	CAM-90771	IZM65N4-P10WH	CAM-90783
	1250	66	IZM65N3-P12WH	CAM-90772	IZM65N4-P12WH	CAM-90784
	1600	66	IZM65N3-P16WH	CAM-90773	IZM65N4-P16WH	CAM-90785
	2000	66	IZM65N3-P20WH	CAM-90774	IZM65N4-P20WH	CAM-90786
	2500	66	IZM65N3-P25WH	CAM-90775	IZM65N4-P25WH	CAM-90787
IZM67	2000	66	IZM67N3-P20WH	CAM-90776	IZM67N4-P20WH	CAM-90788
	2500	66	IZM67N3-P25WH	CAM-90777	IZM67N4-P25WH	CAM-90789
	3200	66	IZM67N3-P32WH	CAM-90778	IZM67N4-P32WH	CAM-90790
	4000	66	IZM67N3-P40WH	CAM-90779	IZM67N4-P40WH	CAM-90791
Power mode LSI + ground						
IZM65	400	66	IZM65N3-PG04WH	CAM-90792	IZM65N4-PG04WH	CAM-90804
	630	66	IZM65N3-PG06WH	CAM-90793	IZM65N4-PG06WH	CAM-90805
	800	66	IZM65N3-PG08WH	CAM-90794	IZM65N4-PG08WH	CAM-90806
	1000	66	IZM65N3-PG10WH	CAM-90795	IZM65N4-PG10WH	CAM-90807
	1250	66	IZM65N3-PG12WH	CAM-90796	IZM65N4-PG12WH	CAM-90808
	1600	66	IZM65N3-PG16WH	CAM-90797	IZM65N4-PG16WH	CAM-90809
	2000	66	IZM65N3-PG20WH	CAM-90798	IZM65N4-PG20WH	CAM-90810
	2500	66	IZM65N3-PG25WH	CAM-90799	IZM65N4-PG25WH	CAM-90811
IZM67	2000	66	IZM67N3-PG20WH	CAM-90800	IZM67N4-PG20WH	CAM-90812
	2500	66	IZM67N3-PG25WH	CAM-90801	IZM67N4-PG25WH	CAM-90813
	3200	66	IZM67N3-PG32WH	CAM-90802	IZM67N4-PG32WH	CAM-90814
	4000	66	IZM67N3-PG40WH	CAM-90803	IZM67N4-PG40WH	CAM-90815
Power mode LSI + communication						
IZM65	400	66	IZM65N3-PC04WH	CAM-90816	IZM65N4-PC04WH	CAM-90828
	630	66	IZM65N3-PC06WH	CAM-90817	IZM65N4-PC06WH	CAM-90829
	800	66	IZM65N3-PC08WH	CAM-90818	IZM65N4-PC08WH	CAM-90830
	1000	66	IZM65N3-PC10WH	CAM-90819	IZM65N4-PC10WH	CAM-90831
	1250	66	IZM65N3-PC12WH	CAM-90820	IZM65N4-PC12WH	CAM-90832
	1600	66	IZM65N3-PC16WH	CAM-90821	IZM65N4-PC16WH	CAM-90833
	2000	66	IZM65N3-PC20WH	CAM-90822	IZM65N4-PC20WH	CAM-90834
	2500	66	IZM65N3-PC25WH	CAM-90823	IZM65N4-PC25WH	CAM-90835
IZM67	2000	66	IZM67N3-PC20WH	CAM-90824	IZM67N4-PC20WH	CAM-90836
	2500	66	IZM67N3-PC25WH	CAM-90825	IZM67N4-PC25WH	CAM-90837
	3200	66	IZM67N3-PC32WH	CAM-90826	IZM67N4-PC32WH	CAM-90838
	4000	66	IZM67N3-PC40WH	CAM-90827	IZM67N4-PC40WH	CAM-90839
Power mode LSI + ground + communication						
IZM65	400	66	IZM65N3-PGC04WH	CAM-90840	IZM65N4-PGC04WH	CAM-90852
	630	66	IZM65N3-PGC06WH	CAM-90841	IZM65N4-PGC06WH	CAM-90853
	800	66	IZM65N3-PGC08WH	CAM-90842	IZM65N4-PGC08WH	CAM-90854
	1000	66	IZM65N3-PGC10WH	CAM-90843	IZM65N4-PGC10WH	CAM-90855
	1250	66	IZM65N3-PGC12WH	CAM-90844	IZM65N4-PGC12WH	CAM-90856
	1600	66	IZM65N3-PGC16WH	CAM-90845	IZM65N4-PGC16WH	CAM-90857
	2000	66	IZM65N3-PGC20WH	CAM-90846	IZM65N4-PGC20WH	CAM-90858
	2500	66	IZM65N3-PGC25WH	CAM-90847	IZM65N4-PGC25WH	CAM-90859
IZM67	2000	66	IZM67N3-PGC20WH	CAM-90848	IZM67N4-PGC20WH	CAM-90860
	2500	66	IZM67N3-PGC25WH	CAM-90849	IZM67N4-PGC25WH	CAM-90861
	3200	66	IZM67N3-PGC32WH	CAM-90850	IZM67N4-PGC32WH	CAM-90862
	4000	66	IZM67N3-PGC40WH	CAM-90851	IZM67N4-PGC40WH	CAM-90863

Devices supplied as standard:

Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, safety shutter, arc distinguishing cover, and handle.

PXR6.1P trip unit supplied as standard – Power mode (LCD), drawout type

Power mode LSI			3P	4P		
Frame	Rated current I _n (A)	Switching Capacity I _{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
Power mode LSI + residual current						
IZM65	400	66	IZM65N3-PL04WH	CAM-91152	IZM65N4-PL04WH	CAM-91164
	630	66	IZM65N3-PL06WH	CAM-91153	IZM65N4-PL06WH	CAM-91165
	800	66	IZM65N3-PL08WH	CAM-91154	IZM65N4-PL08WH	CAM-91166
	1000	66	IZM65N3-PL10WH	CAM-91155	IZM65N4-PL10WH	CAM-91167
	1250	66	IZM65N3-PL12WH	CAM-91156	IZM65N4-PL12WH	CAM-91168
	1600	66	IZM65N3-PL16WH	CAM-91157	IZM65N4-PL16WH	CAM-91169
	2000	66	IZM65N3-PL20WH	CAM-91158	IZM65N4-PL20WH	CAM-91170
	2500	66	IZM65N3-PL25WH	CAM-91159	IZM65N4-PL25WH	CAM-91171
IZM67	2000	66	IZM67N3-PL20WH	CAM-91160	IZM67N4-PL20WH	CAM-91172
	2500	66	IZM67N3-PL25WH	CAM-91161	IZM67N4-PL25WH	CAM-91173
	3200	66	IZM67N3-PL32WH	CAM-91162	IZM67N4-PL32WH	CAM-91174
	4000	66	IZM67N3-PL40WH	CAM-91163	IZM67N4-PL40WH	CAM-91175
Power mode LSI + residual current + communication						
IZM65	400	66	IZM65N3-PLC04WH	CAM-91176	IZM65N4-PLC04WH	CAM-91188
	630	66	IZM65N3-PLC06WH	CAM-91177	IZM65N4-PLC06WH	CAM-91189
	800	66	IZM65N3-PLC08WH	CAM-91178	IZM65N4-PLC08WH	CAM-91190
	1000	66	IZM65N3-PLC10WH	CAM-91179	IZM65N4-PLC10WH	CAM-91191
	1250	66	IZM65N3-PLC12WH	CAM-91180	IZM65N4-PLC12WH	CAM-91192
	1600	66	IZM65N3-PLC16WH	CAM-91181	IZM65N4-PLC16WH	CAM-91193
	2000	66	IZM65N3-PLC20WH	CAM-91182	IZM65N4-PLC20WH	CAM-91194
	2500	66	IZM65N3-PLC25WH	CAM-91183	IZM65N4-PLC25WH	CAM-91195
IZM67	2000	66	IZM67N3-PLC20WH	CAM-91184	IZM67N4-PLC20WH	CAM-91196
	2500	66	IZM67N3-PLC25WH	CAM-91185	IZM67N4-PLC25WH	CAM-91197
	3200	66	IZM67N3-PLC32WH	CAM-91186	IZM67N4-PLC32WH	CAM-91198
	4000	66	IZM67N3-PLC40WH	CAM-91187	IZM67N4-PLC40WH	CAM-91199

IZM6 Series Air Circuit Breakers

Ordering Description

Devices supplied as standard:

Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, safety shutter, arc distinguishing cover, and handle.

PXR6.1A trip unit supplied as standard – Current mode (LCD), drawout type

Current mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM67	2000	85	IZM67S3-A20WH	CAM-92520	IZM67S4-A20WH	CAM-92524
	2500	85	IZM67S3-A25WH	CAM-92521	IZM67S4-A25WH	CAM-92525
	3200	85	IZM67S3-A32WH	CAM-92522	IZM67S4-A32WH	CAM-92526
	4000	85	IZM67S3-A40WH	CAM-92523	IZM67S4-A40WH	CAM-92527
Current mode LSI + ground						
IZM67	2000	85	IZM67S3-AG20WH	CAM-92528	IZM67S4-AG20WH	CAM-92532
	2500	85	IZM67S3-AG25WH	CAM-92529	IZM67S4-AG25WH	CAM-92533
	3200	85	IZM67S3-AG32WH	CAM-92530	IZM67S4-AG32WH	CAM-92534
	4000	85	IZM67S3-AG40WH	CAM-92531	IZM67S4-AG40WH	CAM-92535
Current mode LSI + communication						
IZM67	2000	85	IZM67S3-AC20WH	CAM-92536	IZM67S4-AC20WH	CAM-92540
	2500	85	IZM67S3-AC25WH	CAM-92537	IZM67S4-AC25WH	CAM-92541
	3200	85	IZM67S3-AC32WH	CAM-92538	IZM67S4-AC32WH	CAM-92542
	4000	85	IZM67S3-AC40WH	CAM-92539	IZM67S4-AC40WH	CAM-92543
Current mode LSI + ground + communication						
IZM67	2000	85	IZM67S3-AGC20WH	CAM-92544	IZM67S4-AGC20WH	CAM-92548
	2500	85	IZM67S3-AGC25WH	CAM-92545	IZM67S4-AGC25WH	CAM-92549
	3200	85	IZM67S3-AGC32WH	CAM-92546	IZM67S4-AGC32WH	CAM-92550
	4000	85	IZM67S3-AGC40WH	CAM-92547	IZM67S4-AGC40WH	CAM-92551

PXR6.1E trip unit supplied as standard – Current-voltage mode (LCD), drawout type

Current-voltage mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM67	2000	85	IZM67S3-E20WH	CAM-92584	IZM67S4-E20WH	CAM-92588
	2500	85	IZM67S3-E25WH	CAM-92585	IZM67S4-E25WH	CAM-92589
	3200	85	IZM67S3-E32WH	CAM-92586	IZM67S4-E32WH	CAM-92590
	4000	85	IZM67S3-E40WH	CAM-92587	IZM67S4-E40WH	CAM-92591
Current-voltage mode LSI + ground						
IZM67	2000	85	IZM67S3-EG20WH	CAM-92592	IZM67S4-EG20WH	CAM-92596
	2500	85	IZM67S3-EG25WH	CAM-92593	IZM67S4-EG25WH	CAM-92597
	3200	85	IZM67S3-EG32WH	CAM-92594	IZM67S4-EG32WH	CAM-92598
	4000	85	IZM67S3-EG40WH	CAM-92595	IZM67S4-EG40WH	CAM-92599
Current-voltage mode LSI + communication						
IZM67	2000	85	IZM67S3-EC20WH	CAM-92600	IZM67S4-EC20WH	CAM-92604
	2500	85	IZM67S3-EC25WH	CAM-92601	IZM67S4-EC25WH	CAM-92605
	3200	85	IZM67S3-EC32WH	CAM-92602	IZM67S4-EC32WH	CAM-92606
	4000	85	IZM67S3-EC40WH	CAM-92603	IZM67S4-EC40WH	CAM-92607
Current-voltage mode LSI + ground + communication						
IZM67	2000	85	IZM67S3-EGC20WH	CAM-92608	IZM67S4-EGC20WH	CAM-92612
	2500	85	IZM67S3-EGC25WH	CAM-92609	IZM67S4-EGC25WH	CAM-92613
	3200	85	IZM67S3-EGC32WH	CAM-92610	IZM67S4-EGC32WH	CAM-92614
	4000	85	IZM67S3-EGC40WH	CAM-92611	IZM67S4-EGC40WH	CAM-92615

Devices supplied as standard:

Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, safety shutter, arc distinguishing cover, and handle.

PXR6.1P trip unit supplied as standard – Power mode (LCD), drawout type

Power mode LSI			3P		4P	
Frame	Rated current I _n (A)	Switching Capacity I _{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM67	2000	85	IZM67S3-P20WH	CAM-92648	IZM67S4-P20WH	CAM-92652
	2500	85	IZM67S3-P25WH	CAM-92649	IZM67S4-P25WH	CAM-92653
	3200	85	IZM67S3-P32WH	CAM-92650	IZM67S4-P32WH	CAM-92654
	4000	85	IZM67S3-P40WH	CAM-92651	IZM67S4-P40WH	CAM-92655
Power mode LSI + ground						
IZM67	2000	85	IZM67S3-PG20WH	CAM-92656	IZM67S4-PG20WH	CAM-92660
	2500	85	IZM67S3-PG25WH	CAM-92657	IZM67S4-PG25WH	CAM-92661
	3200	85	IZM67S3-PG32WH	CAM-92658	IZM67S4-PG32WH	CAM-92662
	4000	85	IZM67S3-PG40WH	CAM-92659	IZM67S4-PG40WH	CAM-92663
Power mode LSI + communication						
IZM67	2000	85	IZM67S3-PC20WH	CAM-92664	IZM67S4-PC20WH	CAM-92668
	2500	85	IZM67S3-PC25WH	CAM-92665	IZM67S4-PC25WH	CAM-92669
	3200	85	IZM67S3-PC32WH	CAM-92666	IZM67S4-PC32WH	CAM-92670
	4000	85	IZM67S3-PC40WH	CAM-92667	IZM67S4-PC40WH	CAM-92671
Power mode LSI + ground + communication						
IZM67	2000	85	IZM67S3-PGC20WH	CAM-92672	IZM67S4-PGC20WH	CAM-92676
	2500	85	IZM67S3-PGC25WH	CAM-92673	IZM67S4-PGC25WH	CAM-92677
	3200	85	IZM67S3-PGC32WH	CAM-92674	IZM67S4-PGC32WH	CAM-92678
	4000	85	IZM67S3-PGC40WH	CAM-92675	IZM67S4-PGC40WH	CAM-92679
Power mode LSI + residual current						
IZM67	2000	85	IZM67S3-PL20WH	CAM-92712	IZM67S4-PL20WH	CAM-92716
	2500	85	IZM67S3-PL25WH	CAM-92713	IZM67S4-PL25WH	CAM-92717
	3200	85	IZM67S3-PL32WH	CAM-92714	IZM67S4-PL32WH	CAM-92718
	4000	85	IZM67S3-PL40WH	CAM-92715	IZM67S4-PL40WH	CAM-92719
Power mode LSI + residual current + communication						
IZM67	2000	85	IZM67S3-PLC20WH	CAM-92720	IZM67S4-PLC20WH	CAM-92724
	2500	85	IZM67S3-PLC25WH	CAM-92721	IZM67S4-PLC25WH	CAM-92725
	3200	85	IZM67S3-PLC32WH	CAM-92722	IZM67S4-PLC32WH	CAM-92726
	4000	85	IZM67S3-PLC40WH	CAM-92723	IZM67S4-PLC40WH	CAM-92727

IZM6 Series Air Circuit Breakers

Ordering Description

Devices supplied as standard:

Fixed circuit breaker's basic device, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, arc distinguishing cover, and handle.

PXR6.1A trip unit supplied as standard – Current mode (LCD), fixed type

Current mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	55	IZM65B3-A04FH	CAM-90288	IZM65B4-A04FH	CAM-90300
	630	55	IZM65B3-A06FH	CAM-90289	IZM65B4-A06FH	CAM-90301
	800	55	IZM65B3-A08FH	CAM-90290	IZM65B4-A08FH	CAM-90302
	1000	55	IZM65B3-A10FH	CAM-90291	IZM65B4-A10FH	CAM-90303
	1250	55	IZM65B3-A12FH	CAM-90292	IZM65B4-A12FH	CAM-90304
	1600	55	IZM65B3-A16FH	CAM-90293	IZM65B4-A16FH	CAM-90305
	2000	55	IZM65B3-A20FH	CAM-90294	IZM65B4-A20FH	CAM-90306
	2500	55	IZM65B3-A25FH	CAM-90295	IZM65B4-A25FH	CAM-90307
IZM67	2000	55	IZM67B3-A20FH	CAM-90296	IZM67B4-A20FH	CAM-90308
	2500	55	IZM67B3-A25FH	CAM-90297	IZM67B4-A25FH	CAM-90309
	3200	55	IZM67B3-A32FH	CAM-90298	IZM67B4-A32FH	CAM-90310
	4000	55	IZM67B3-A40FH	CAM-90299	IZM67B4-A40FH	CAM-90311
Current mode LSI + ground						
IZM65	400	55	IZM65B3-AG04FH	CAM-90312	IZM65B4-AG04FH	CAM-90324
	630	55	IZM65B3-AG06FH	CAM-90313	IZM65B4-AG06FH	CAM-90325
	800	55	IZM65B3-AG08FH	CAM-90314	IZM65B4-AG08FH	CAM-90326
	1000	55	IZM65B3-AG10FH	CAM-90315	IZM65B4-AG10FH	CAM-90327
	1250	55	IZM65B3-AG12FH	CAM-90316	IZM65B4-AG12FH	CAM-90328
	1600	55	IZM65B3-AG16FH	CAM-90317	IZM65B4-AG16FH	CAM-90329
	2000	55	IZM65B3-AG20FH	CAM-90318	IZM65B4-AG20FH	CAM-90330
	2500	55	IZM65B3-AG25FH	CAM-90319	IZM65B4-AG25FH	CAM-90331
IZM67	2000	55	IZM67B3-AG20FH	CAM-90320	IZM67B4-AG20FH	CAM-90332
	2500	55	IZM67B3-AG25FH	CAM-90321	IZM67B4-AG25FH	CAM-90333
	3200	55	IZM67B3-AG32FH	CAM-90322	IZM67B4-AG32FH	CAM-90334
	4000	55	IZM67B3-AG40FH	CAM-90323	IZM67B4-AG40FH	CAM-90335
Current mode LSI + communication						
IZM65	400	55	IZM65B3-AC04FH	CAM-90336	IZM65B4-AC04FH	CAM-90348
	630	55	IZM65B3-AC06FH	CAM-90337	IZM65B4-AC06FH	CAM-90349
	800	55	IZM65B3-AC08FH	CAM-90338	IZM65B4-AC08FH	CAM-90350
	1000	55	IZM65B3-AC10FH	CAM-90339	IZM65B4-AC10FH	CAM-90351
	1250	55	IZM65B3-AC12FH	CAM-90340	IZM65B4-AC12FH	CAM-90352
	1600	55	IZM65B3-AC16FH	CAM-90341	IZM65B4-AC16FH	CAM-90353
	2000	55	IZM65B3-AC20FH	CAM-90342	IZM65B4-AC20FH	CAM-90354
	2500	55	IZM65B3-AC25FH	CAM-90343	IZM65B4-AC25FH	CAM-90355
IZM67	2000	55	IZM67B3-AC20FH	CAM-90344	IZM67B4-AC20FH	CAM-90356
	2500	55	IZM67B3-AC25FH	CAM-90345	IZM67B4-AC25FH	CAM-90357
	3200	55	IZM67B3-AC32FH	CAM-90346	IZM67B4-AC32FH	CAM-90358
	4000	55	IZM67B3-AC40FH	CAM-90347	IZM67B4-AC40FH	CAM-90359
Current mode LSI + ground + communication						
IZM65	400	55	IZM65B3-AGC04FH	CAM-90360	IZM65B4-AGC04FH	CAM-90372
	630	55	IZM65B3-AGC06FH	CAM-90361	IZM65B4-AGC06FH	CAM-90373
	800	55	IZM65B3-AGC08FH	CAM-90362	IZM65B4-AGC08FH	CAM-90374
	1000	55	IZM65B3-AGC10FH	CAM-90363	IZM65B4-AGC10FH	CAM-90375
	1250	55	IZM65B3-AGC12FH	CAM-90364	IZM65B4-AGC12FH	CAM-90376
	1600	55	IZM65B3-AGC16FH	CAM-90365	IZM65B4-AGC16FH	CAM-90377
	2000	55	IZM65B3-AGC20FH	CAM-90366	IZM65B4-AGC20FH	CAM-90378
	2500	55	IZM65B3-AGC25FH	CAM-90367	IZM65B4-AGC25FH	CAM-90379
IZM67	2000	55	IZM67B3-AGC20FH	CAM-90368	IZM67B4-AGC20FH	CAM-90380
	2500	55	IZM67B3-AGC25FH	CAM-90369	IZM67B4-AGC25FH	CAM-90381
	3200	55	IZM67B3-AGC32FH	CAM-90370	IZM67B4-AGC32FH	CAM-90382
	4000	55	IZM67B3-AGC40FH	CAM-90371	IZM67B4-AGC40FH	CAM-90383

Devices supplied as standard:

Fixed circuit breaker's basic device, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, arc distinguishing cover, and handle.

PXR6.1A trip unit supplied as standard – Current mode (LCD), fixed type

Current mode LSI			3P		4P	
Frame	Rated current I _n (A)	Switching Capacity I _{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	66	IZM65N3-A04FH	CAM-90096	IZM65N4-A04FH	CAM-90108
	630	66	IZM65N3-A06FH	CAM-90097	IZM65N4-A06FH	CAM-90109
	800	66	IZM65N3-A08FH	CAM-90098	IZM65N4-A08FH	CAM-90110
	1000	66	IZM65N3-A10FH	CAM-90099	IZM65N4-A10FH	CAM-90111
	1250	66	IZM65N3-A12FH	CAM-90100	IZM65N4-A12FH	CAM-90112
	1600	66	IZM65N3-A16FH	CAM-90101	IZM65N4-A16FH	CAM-90113
	2000	66	IZM65N3-A20FH	CAM-90102	IZM65N4-A20FH	CAM-90114
	2500	66	IZM65N3-A25FH	CAM-90103	IZM65N4-A25FH	CAM-90115
IZM67	2000	66	IZM67N3-A20FH	CAM-90104	IZM67N4-A20FH	CAM-90116
	2500	66	IZM67N3-A25FH	CAM-90105	IZM67N4-A25FH	CAM-90117
	3200	66	IZM67N3-A32FH	CAM-90106	IZM67N4-A32FH	CAM-90118
	4000	66	IZM67N3-A40FH	CAM-90107	IZM67N4-A40FH	CAM-90119
Current mode LSI + ground						
IZM65	400	66	IZM65N3-AG04FH	CAM-90120	IZM65N4-AG04FH	CAM-90132
	630	66	IZM65N3-AG06FH	CAM-90121	IZM65N4-AG06FH	CAM-90133
	800	66	IZM65N3-AG08FH	CAM-90122	IZM65N4-AG08FH	CAM-90134
	1000	66	IZM65N3-AG10FH	CAM-90123	IZM65N4-AG10FH	CAM-90135
	1250	66	IZM65N3-AG12FH	CAM-90124	IZM65N4-AG12FH	CAM-90136
	1600	66	IZM65N3-AG16FH	CAM-90125	IZM65N4-AG16FH	CAM-90137
	2000	66	IZM65N3-AG20FH	CAM-90126	IZM65N4-AG20FH	CAM-90138
	2500	66	IZM65N3-AG25FH	CAM-90127	IZM65N4-AG25FH	CAM-90139
IZM67	2000	66	IZM67N3-AG20FH	CAM-90128	IZM67N4-AG20FH	CAM-90140
	2500	66	IZM67N3-AG25FH	CAM-90129	IZM67N4-AG25FH	CAM-90141
	3200	66	IZM67N3-AG32FH	CAM-90130	IZM67N4-AG32FH	CAM-90142
	4000	66	IZM67N3-AG40FH	CAM-90131	IZM67N4-AG40FH	CAM-90143
Current mode LSI + communication						
IZM65	400	66	IZM65N3-AC04FH	CAM-90144	IZM65N4-AC04FH	CAM-90156
	630	66	IZM65N3-AC06FH	CAM-90145	IZM65N4-AC06FH	CAM-90157
	800	66	IZM65N3-AC08FH	CAM-90146	IZM65N4-AC08FH	CAM-90158
	1000	66	IZM65N3-AC10FH	CAM-90147	IZM65N4-AC10FH	CAM-90159
	1250	66	IZM65N3-AC12FH	CAM-90148	IZM65N4-AC12FH	CAM-90160
	1600	66	IZM65N3-AC16FH	CAM-90149	IZM65N4-AC16FH	CAM-90161
	2000	66	IZM65N3-AC20FH	CAM-90150	IZM65N4-AC20FH	CAM-90162
	2500	66	IZM65N3-AC25FH	CAM-90151	IZM65N4-AC25FH	CAM-90163
IZM67	2000	66	IZM67N3-AC20FH	CAM-90152	IZM67N4-AC20FH	CAM-90164
	2500	66	IZM67N3-AC25FH	CAM-90153	IZM67N4-AC25FH	CAM-90165
	3200	66	IZM67N3-AC32FH	CAM-90154	IZM67N4-AC32FH	CAM-90166
	4000	66	IZM67N3-AC40FH	CAM-90155	IZM67N4-AC40FH	CAM-90167
Current mode LSI + ground + communication						
IZM65	400	66	IZM65N3-AGC04FH	CAM-90168	IZM65N4-AGC04FH	CAM-90180
	630	66	IZM65N3-AGC06FH	CAM-90169	IZM65N4-AGC06FH	CAM-90181
	800	66	IZM65N3-AGC08FH	CAM-90170	IZM65N4-AGC08FH	CAM-90182
	1000	66	IZM65N3-AGC10FH	CAM-90171	IZM65N4-AGC10FH	CAM-90183
	1250	66	IZM65N3-AGC12FH	CAM-90172	IZM65N4-AGC12FH	CAM-90184
	1600	66	IZM65N3-AGC16FH	CAM-90173	IZM65N4-AGC16FH	CAM-90185
	2000	66	IZM65N3-AGC20FH	CAM-90174	IZM65N4-AGC20FH	CAM-90186
	2500	66	IZM65N3-AGC25FH	CAM-90175	IZM65N4-AGC25FH	CAM-90187
IZM67	2000	66	IZM67N3-AGC20FH	CAM-90176	IZM67N4-AGC20FH	CAM-90188
	2500	66	IZM67N3-AGC25FH	CAM-90177	IZM67N4-AGC25FH	CAM-90189
	3200	66	IZM67N3-AGC32FH	CAM-90178	IZM67N4-AGC32FH	CAM-90190
	4000	66	IZM67N3-AGC40FH	CAM-90179	IZM67N4-AGC40FH	CAM-90191

IZM6 Series Air Circuit Breakers

Ordering Description

Devices supplied as standard:

Fixed circuit breaker's basic device, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, arc distinguishing cover, and handle.

PXR6.1E trip unit supplied as standard – Current-voltage mode (LCD), fixed type

Current-voltage mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	55	IZM65B3-E04FH	CAM-90672	IZM65B4-E04FH	CAM-90684
	630	55	IZM65B3-E06FH	CAM-90673	IZM65B4-E06FH	CAM-90685
	800	55	IZM65B3-E08FH	CAM-90674	IZM65B4-E08FH	CAM-90686
	1000	55	IZM65B3-E10FH	CAM-90675	IZM65B4-E10FH	CAM-90687
	1250	55	IZM65B3-E12FH	CAM-90676	IZM65B4-E12FH	CAM-90688
	1600	55	IZM65B3-E16FH	CAM-90677	IZM65B4-E16FH	CAM-90689
	2000	55	IZM65B3-E20FH	CAM-90678	IZM65B4-E20FH	CAM-90690
	2500	55	IZM65B3-E25FH	CAM-90679	IZM65B4-E25FH	CAM-90691
IZM67	2000	55	IZM67B3-E20FH	CAM-90680	IZM67B4-E20FH	CAM-90692
	2500	55	IZM67B3-E25FH	CAM-90681	IZM67B4-E25FH	CAM-90693
	3200	55	IZM67B3-E32FH	CAM-90682	IZM67B4-E32FH	CAM-90694
	4000	55	IZM67B3-E40FH	CAM-90683	IZM67B4-E40FH	CAM-90695
Current-voltage mode LSI + ground						
IZM65	400	55	IZM65B3-EG04FH	CAM-90696	IZM65B4-EG04FH	CAM-90708
	630	55	IZM65B3-EG06FH	CAM-90697	IZM65B4-EG06FH	CAM-90709
	800	55	IZM65B3-EG08FH	CAM-90698	IZM65B4-EG08FH	CAM-90710
	1000	55	IZM65B3-EG10FH	CAM-90699	IZM65B4-EG10FH	CAM-90711
	1250	55	IZM65B3-EG12FH	CAM-90700	IZM65B4-EG12FH	CAM-90712
	1600	55	IZM65B3-EG16FH	CAM-90701	IZM65B4-EG16FH	CAM-90713
	2000	55	IZM65B3-EG20FH	CAM-90702	IZM65B4-EG20FH	CAM-90714
	2500	55	IZM65B3-EG25FH	CAM-90703	IZM65B4-EG25FH	CAM-90715
IZM67	2000	55	IZM67B3-EG20FH	CAM-90704	IZM67B4-EG20FH	CAM-90716
	2500	55	IZM67B3-EG25FH	CAM-90705	IZM67B4-EG25FH	CAM-90717
	3200	55	IZM67B3-EG32FH	CAM-90706	IZM67B4-EG32FH	CAM-90718
	4000	55	IZM67B3-EG40FH	CAM-90707	IZM67B4-EG40FH	CAM-90719
Current-voltage mode LSI + communication						
IZM65	400	55	IZM65B3-EC04FH	CAM-90720	IZM65B4-EC04FH	CAM-90732
	630	55	IZM65B3-EC06FH	CAM-90721	IZM65B4-EC06FH	CAM-90733
	800	55	IZM65B3-EC08FH	CAM-90722	IZM65B4-EC08FH	CAM-90734
	1000	55	IZM65B3-EC10FH	CAM-90723	IZM65B4-EC10FH	CAM-90735
	1250	55	IZM65B3-EC12FH	CAM-90724	IZM65B4-EC12FH	CAM-90736
	1600	55	IZM65B3-EC16FH	CAM-90725	IZM65B4-EC16FH	CAM-90737
	2000	55	IZM65B3-EC20FH	CAM-90726	IZM65B4-EC20FH	CAM-90738
	2500	55	IZM65B3-EC25FH	CAM-90727	IZM65B4-EC25FH	CAM-90739
IZM67	2000	55	IZM67B3-EC20FH	CAM-90728	IZM67B4-EC20FH	CAM-90740
	2500	55	IZM67B3-EC25FH	CAM-90729	IZM67B4-EC25FH	CAM-90741
	3200	55	IZM67B3-EC32FH	CAM-90730	IZM67B4-EC32FH	CAM-90742
	4000	55	IZM67B3-EC40FH	CAM-90731	IZM67B4-EC40FH	CAM-90743
Current-voltage mode LSI + ground + communication						
IZM65	400	55	IZM65B3-EGC04FH	CAM-90744	IZM65B4-EGC04FH	CAM-90756
	630	55	IZM65B3-EGC06FH	CAM-90745	IZM65B4-EGC06FH	CAM-90757
	800	55	IZM65B3-EGC08FH	CAM-90746	IZM65B4-EGC08FH	CAM-90758
	1000	55	IZM65B3-EGC10FH	CAM-90747	IZM65B4-EGC10FH	CAM-90759
	1250	55	IZM65B3-EGC12FH	CAM-90748	IZM65B4-EGC12FH	CAM-90760
	1600	55	IZM65B3-EGC16FH	CAM-90749	IZM65B4-EGC16FH	CAM-90761
	2000	55	IZM65B3-EGC20FH	CAM-90750	IZM65B4-EGC20FH	CAM-90762
	2500	55	IZM65B3-EGC25FH	CAM-90751	IZM65B4-EGC25FH	CAM-90763
IZM67	2000	55	IZM67B3-EGC20FH	CAM-90752	IZM67B4-EGC20FH	CAM-90764
	2500	55	IZM67B3-EGC25FH	CAM-90753	IZM67B4-EGC25FH	CAM-90765
	3200	55	IZM67B3-EGC32FH	CAM-90754	IZM67B4-EGC32FH	CAM-90766
	4000	55	IZM67B3-EGC40FH	CAM-90755	IZM67B4-EGC40FH	CAM-90767

Devices supplied as standard:

Fixed circuit breaker's basic device, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, arc distinguishing cover, and handle.

PXR6.1E trip unit supplied as standard – Current-voltage mode (LCD), fixed type

Current-voltage mode LSI			3P		4P	
Frame	Rated current I _n (A)	Switching Capacity I _{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	66	IZM65N3-E04FH	CAM-90480	IZM65N4-E04FH	CAM-90492
	630	66	IZM65N3-E06FH	CAM-90481	IZM65N4-E06FH	CAM-90493
	800	66	IZM65N3-E08FH	CAM-90482	IZM65N4-E08FH	CAM-90494
	1000	66	IZM65N3-E10FH	CAM-90483	IZM65N4-E10FH	CAM-90495
	1250	66	IZM65N3-E12FH	CAM-90484	IZM65N4-E12FH	CAM-90496
	1600	66	IZM65N3-E16FH	CAM-90485	IZM65N4-E16FH	CAM-90497
	2000	66	IZM65N3-E20FH	CAM-90486	IZM65N4-E20FH	CAM-90498
	2500	66	IZM65N3-E25FH	CAM-90487	IZM65N4-E25FH	CAM-90499
IZM67	2000	66	IZM67N3-E20FH	CAM-90488	IZM67N4-E20FH	CAM-90500
	2500	66	IZM67N3-E25FH	CAM-90489	IZM67N4-E25FH	CAM-90501
	3200	66	IZM67N3-E32FH	CAM-90490	IZM67N4-E32FH	CAM-90502
	4000	66	IZM67N3-E40FH	CAM-90491	IZM67N4-E40FH	CAM-90503
Current-voltage mode LSI + ground						
IZM65	400	66	IZM65N3-EG04FH	CAM-90504	IZM65N4-EG04FH	CAM-90516
	630	66	IZM65N3-EG06FH	CAM-90505	IZM65N4-EG06FH	CAM-90517
	800	66	IZM65N3-EG08FH	CAM-90506	IZM65N4-EG08FH	CAM-90518
	1000	66	IZM65N3-EG10FH	CAM-90507	IZM65N4-EG10FH	CAM-90519
	1250	66	IZM65N3-EG12FH	CAM-90508	IZM65N4-EG12FH	CAM-90520
	1600	66	IZM65N3-EG16FH	CAM-90509	IZM65N4-EG16FH	CAM-90521
	2000	66	IZM65N3-EG20FH	CAM-90510	IZM65N4-EG20FH	CAM-90522
	2500	66	IZM65N3-EG25FH	CAM-90511	IZM65N4-EG25FH	CAM-90523
IZM67	2000	66	IZM67N3-EG20FH	CAM-90512	IZM67N4-EG20FH	CAM-90524
	2500	66	IZM67N3-EG25FH	CAM-90513	IZM67N4-EG25FH	CAM-90525
	3200	66	IZM67N3-EG32FH	CAM-90514	IZM67N4-EG32FH	CAM-90526
	4000	66	IZM67N3-EG40FH	CAM-90515	IZM67N4-EG40FH	CAM-90527
Current-voltage mode LSI + communication						
IZM65	400	66	IZM65N3-EC04FH	CAM-90528	IZM65N4-EC04FH	CAM-90540
	630	66	IZM65N3-EC06FH	CAM-90529	IZM65N4-EC06FH	CAM-90541
	800	66	IZM65N3-EC08FH	CAM-90530	IZM65N4-EC08FH	CAM-90542
	1000	66	IZM65N3-EC10FH	CAM-90531	IZM65N4-EC10FH	CAM-90543
	1250	66	IZM65N3-EC12FH	CAM-90532	IZM65N4-EC12FH	CAM-90544
	1600	66	IZM65N3-EC16FH	CAM-90533	IZM65N4-EC16FH	CAM-90545
	2000	66	IZM65N3-EC20FH	CAM-90534	IZM65N4-EC20FH	CAM-90546
	2500	66	IZM65N3-EC25FH	CAM-90535	IZM65N4-EC25FH	CAM-90547
IZM67	2000	66	IZM67N3-EC20FH	CAM-90536	IZM67N4-EC20FH	CAM-90548
	2500	66	IZM67N3-EC25FH	CAM-90537	IZM67N4-EC25FH	CAM-90549
	3200	66	IZM67N3-EC32FH	CAM-90538	IZM67N4-EC32FH	CAM-90550
	4000	66	IZM67N3-EC40FH	CAM-90539	IZM67N4-EC40FH	CAM-90551
Current-voltage mode LSI + ground + communication						
IZM65	400	66	IZM65N3-EGC04FH	CAM-90552	IZM65N4-EGC04FH	CAM-90564
	630	66	IZM65N3-EGC06FH	CAM-90553	IZM65N4-EGC06FH	CAM-90565
	800	66	IZM65N3-EGC08FH	CAM-90554	IZM65N4-EGC08FH	CAM-90566
	1000	66	IZM65N3-EGC10FH	CAM-90555	IZM65N4-EGC10FH	CAM-90567
	1250	66	IZM65N3-EGC12FH	CAM-90556	IZM65N4-EGC12FH	CAM-90568
	1600	66	IZM65N3-EGC16FH	CAM-90557	IZM65N4-EGC16FH	CAM-90569
	2000	66	IZM65N3-EGC20FH	CAM-90558	IZM65N4-EGC20FH	CAM-90570
	2500	66	IZM65N3-EGC25FH	CAM-90559	IZM65N4-EGC25FH	CAM-90571
IZM67	2000	66	IZM67N3-EGC20FH	CAM-90560	IZM67N4-EGC20FH	CAM-90572
	2500	66	IZM67N3-EGC25FH	CAM-90561	IZM67N4-EGC25FH	CAM-90573
	3200	66	IZM67N3-EGC32FH	CAM-90562	IZM67N4-EGC32FH	CAM-90574
	4000	66	IZM67N3-EGC40FH	CAM-90563	IZM67N4-EGC40FH	CAM-90575

IZM6 Series Air Circuit Breakers

Ordering Description

Devices supplied as standard:

Fixed circuit breaker's basic device, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, arc distinguishing cover, and handle.

PXR6.1P trip unit supplied as standard – Power mode (LCD), fixed type

Power mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	55	IZM65B3-P04FH	CAM-91056	IZM65B4-P04FH	CAM-91068
	630	55	IZM65B3-P06FH	CAM-91057	IZM65B4-P06FH	CAM-91069
	800	55	IZM65B3-P08FH	CAM-91058	IZM65B4-P08FH	CAM-91070
	1000	55	IZM65B3-P10FH	CAM-91059	IZM65B4-P10FH	CAM-91071
	1250	55	IZM65B3-P12FH	CAM-91060	IZM65B4-P12FH	CAM-91072
	1600	55	IZM65B3-P16FH	CAM-91061	IZM65B4-P16FH	CAM-91073
	2000	55	IZM65B3-P20FH	CAM-91062	IZM65B4-P20FH	CAM-91074
	2500	55	IZM65B3-P25FH	CAM-91063	IZM65B4-P25FH	CAM-91075
IZM67	2000	55	IZM67B3-P20FH	CAM-91064	IZM67B4-P20FH	CAM-91076
	2500	55	IZM67B3-P25FH	CAM-91065	IZM67B4-P25FH	CAM-91077
	3200	55	IZM67B3-P32FH	CAM-91066	IZM67B4-P32FH	CAM-91078
	4000	55	IZM67B3-P40FH	CAM-91067	IZM67B4-P40FH	CAM-91079
Power mode LSI + ground						
IZM65	400	55	IZM65B3-PG04FH	CAM-91080	IZM65B4-PG04FH	CAM-91092
	630	55	IZM65B3-PG06FH	CAM-91081	IZM65B4-PG06FH	CAM-91093
	800	55	IZM65B3-PG08FH	CAM-91082	IZM65B4-PG08FH	CAM-91094
	1000	55	IZM65B3-PG10FH	CAM-91083	IZM65B4-PG10FH	CAM-91095
	1250	55	IZM65B3-PG12FH	CAM-91084	IZM65B4-PG12FH	CAM-91096
	1600	55	IZM65B3-PG16FH	CAM-91085	IZM65B4-PG16FH	CAM-91097
	2000	55	IZM65B3-PG20FH	CAM-91086	IZM65B4-PG20FH	CAM-91098
	2500	55	IZM65B3-PG25FH	CAM-91087	IZM65B4-PG25FH	CAM-91099
IZM67	2000	55	IZM67B3-PG20FH	CAM-91088	IZM67B4-PG20FH	CAM-91100
	2500	55	IZM67B3-PG25FH	CAM-91089	IZM67B4-PG25FH	CAM-91101
	3200	55	IZM67B3-PG32FH	CAM-91090	IZM67B4-PG32FH	CAM-91102
	4000	55	IZM67B3-PG40FH	CAM-91091	IZM67B4-PG40FH	CAM-91103
Power mode LSI + communication						
IZM65	400	55	IZM65B3-PC04FH	CAM-91104	IZM65B4-PC04FH	CAM-91116
	630	55	IZM65B3-PC06FH	CAM-91105	IZM65B4-PC06FH	CAM-91117
	800	55	IZM65B3-PC08FH	CAM-91106	IZM65B4-PC08FH	CAM-91118
	1000	55	IZM65B3-PC10FH	CAM-91107	IZM65B4-PC10FH	CAM-91119
	1250	55	IZM65B3-PC12FH	CAM-91108	IZM65B4-PC12FH	CAM-91120
	1600	55	IZM65B3-PC16FH	CAM-91109	IZM65B4-PC16FH	CAM-91121
	2000	55	IZM65B3-PC20FH	CAM-91110	IZM65B4-PC20FH	CAM-91122
	2500	55	IZM65B3-PC25FH	CAM-91111	IZM65B4-PC25FH	CAM-91123
IZM67	2000	55	IZM67B3-PC20FH	CAM-91112	IZM67B4-PC20FH	CAM-91124
	2500	55	IZM67B3-PC25FH	CAM-91113	IZM67B4-PC25FH	CAM-91125
	3200	55	IZM67B3-PC32FH	CAM-91114	IZM67B4-PC32FH	CAM-91126
	4000	55	IZM67B3-PC40FH	CAM-91115	IZM67B4-PC40FH	CAM-91127
Power mode LSI + ground + communication						
IZM65	400	55	IZM65B3-PGC04FH	CAM-91128	IZM65B4-PGC04FH	CAM-91140
	630	55	IZM65B3-PGC06FH	CAM-91129	IZM65B4-PGC06FH	CAM-91141
	800	55	IZM65B3-PGC08FH	CAM-91130	IZM65B4-PGC08FH	CAM-91142
	1000	55	IZM65B3-PGC10FH	CAM-91131	IZM65B4-PGC10FH	CAM-91143
	1250	55	IZM65B3-PGC12FH	CAM-91132	IZM65B4-PGC12FH	CAM-91144
	1600	55	IZM65B3-PGC16FH	CAM-91133	IZM65B4-PGC16FH	CAM-91145
	2000	55	IZM65B3-PGC20FH	CAM-91134	IZM65B4-PGC20FH	CAM-91146
	2500	55	IZM65B3-PGC25FH	CAM-91135	IZM65B4-PGC25FH	CAM-91147
IZM67	2000	55	IZM67B3-PGC20FH	CAM-91136	IZM67B4-PGC20FH	CAM-91148
	2500	55	IZM67B3-PGC25FH	CAM-91137	IZM67B4-PGC25FH	CAM-91149
	3200	55	IZM67B3-PGC32FH	CAM-91138	IZM67B4-PGC32FH	CAM-91150
	4000	55	IZM67B3-PGC40FH	CAM-91139	IZM67B4-PGC40FH	CAM-91151

Devices supplied as standard:

Fixed circuit breaker's basic device, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, arc distinguishing cover, and handle.

PXR6.1P trip unit supplied as standard – Power mode (LCD), fixed type

Power mode LSI			3P	4P		
Frame	Rated current I _n (A)	Switching Capacity I _{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
Power mode LSI + residual current						
IZM65	400	55	IZM65B3-PL04FH	CAM-91296	IZM65B4-PL04FH	CAM-91308
	630	55	IZM65B3-PL06FH	CAM-91297	IZM65B4-PL06FH	CAM-91309
	800	55	IZM65B3-PL08FH	CAM-91298	IZM65B4-PL08FH	CAM-91310
	1000	55	IZM65B3-PL10FH	CAM-91299	IZM65B4-PL10FH	CAM-91311
	1250	55	IZM65B3-PL12FH	CAM-91300	IZM65B4-PL12FH	CAM-91312
	1600	55	IZM65B3-PL16FH	CAM-91301	IZM65B4-PL16FH	CAM-91313
	2000	55	IZM65B3-PL20FH	CAM-91302	IZM65B4-PL20FH	CAM-91314
	2500	55	IZM65B3-PL25FH	CAM-91303	IZM65B4-PL25FH	CAM-91315
IZM67	2000	55	IZM67B3-PL20FH	CAM-91304	IZM67B4-PL20FH	CAM-91316
	2500	55	IZM67B3-PL25FH	CAM-91305	IZM67B4-PL25FH	CAM-91317
	3200	55	IZM67B3-PL32FH	CAM-91306	IZM67B4-PL32FH	CAM-91318
	4000	55	IZM67B3-PL40FH	CAM-91307	IZM67B4-PL40FH	CAM-91319
Power mode LSI + residual current + communication						
IZM65	400	55	IZM65B3-PLC04FH	CAM-91320	IZM65B4-PLC04FH	CAM-91332
	630	55	IZM65B3-PLC06FH	CAM-91321	IZM65B4-PLC06FH	CAM-91333
	800	55	IZM65B3-PLC08FH	CAM-91322	IZM65B4-PLC08FH	CAM-91334
	1000	55	IZM65B3-PLC10FH	CAM-91323	IZM65B4-PLC10FH	CAM-91335
	1250	55	IZM65B3-PLC12FH	CAM-91324	IZM65B4-PLC12FH	CAM-91336
	1600	55	IZM65B3-PLC16FH	CAM-91325	IZM65B4-PLC16FH	CAM-91337
	2000	55	IZM65B3-PLC20FH	CAM-91326	IZM65B4-PLC20FH	CAM-91338
	2500	55	IZM65B3-PLC25FH	CAM-91327	IZM65B4-PLC25FH	CAM-91339
IZM67	2000	55	IZM67B3-PLC20FH	CAM-91328	IZM67B4-PLC20FH	CAM-91340
	2500	55	IZM67B3-PLC25FH	CAM-91329	IZM67B4-PLC25FH	CAM-91341
	3200	55	IZM67B3-PLC32FH	CAM-91330	IZM67B4-PLC32FH	CAM-91342
	4000	55	IZM67B3-PLC40FH	CAM-91331	IZM67B4-PLC40FH	CAM-91343

IZM6 Series Air Circuit Breakers

Ordering Description

Devices supplied as standard:

Fixed circuit breaker's basic device, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, arc distinguishing cover, and handle.

PXR6.1P trip unit supplied as standard – Power mode (LCD), fixed type

Power mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	66	IZM65N3-P04FH	CAM-90864	IZM65N4-P04FH	CAM-90876
	630	66	IZM65N3-P06FH	CAM-90865	IZM65N4-P06FH	CAM-90877
	800	66	IZM65N3-P08FH	CAM-90866	IZM65N4-P08FH	CAM-90878
	1000	66	IZM65N3-P10FH	CAM-90867	IZM65N4-P10FH	CAM-90879
	1250	66	IZM65N3-P12FH	CAM-90868	IZM65N4-P12FH	CAM-90880
	1600	66	IZM65N3-P16FH	CAM-90869	IZM65N4-P16FH	CAM-90881
	2000	66	IZM65N3-P20FH	CAM-90870	IZM65N4-P20FH	CAM-90882
	2500	66	IZM65N3-P25FH	CAM-90871	IZM65N4-P25FH	CAM-90883
IZM67	2000	66	IZM67N3-P20FH	CAM-90872	IZM67N4-P20FH	CAM-90884
	2500	66	IZM67N3-P25FH	CAM-90873	IZM67N4-P25FH	CAM-90885
	3200	66	IZM67N3-P32FH	CAM-90874	IZM67N4-P32FH	CAM-90886
	4000	66	IZM67N3-P40FH	CAM-90875	IZM67N4-P40FH	CAM-90887
Power mode LSI + ground						
IZM65	400	66	IZM65N3-PG04FH	CAM-90888	IZM65N4-PG04FH	CAM-90900
	630	66	IZM65N3-PG06FH	CAM-90889	IZM65N4-PG06FH	CAM-90901
	800	66	IZM65N3-PG08FH	CAM-90890	IZM65N4-PG08FH	CAM-90902
	1000	66	IZM65N3-PG10FH	CAM-90891	IZM65N4-PG10FH	CAM-90903
	1250	66	IZM65N3-PG12FH	CAM-90892	IZM65N4-PG12FH	CAM-90904
	1600	66	IZM65N3-PG16FH	CAM-90893	IZM65N4-PG16FH	CAM-90905
	2000	66	IZM65N3-PG20FH	CAM-90894	IZM65N4-PG20FH	CAM-90906
	2500	66	IZM65N3-PG25FH	CAM-90895	IZM65N4-PG25FH	CAM-90907
IZM67	2000	66	IZM67N3-PG20FH	CAM-90896	IZM67N4-PG20FH	CAM-90908
	2500	66	IZM67N3-PG25FH	CAM-90897	IZM67N4-PG25FH	CAM-90909
	3200	66	IZM67N3-PG32FH	CAM-90898	IZM67N4-PG32FH	CAM-90910
	4000	66	IZM67N3-PG40FH	CAM-90899	IZM67N4-PG40FH	CAM-90911
Power mode LSI + communication						
IZM65	400	66	IZM65N3-PC04FH	CAM-90912	IZM65N4-PC04FH	CAM-90924
	630	66	IZM65N3-PC06FH	CAM-90913	IZM65N4-PC06FH	CAM-90925
	800	66	IZM65N3-PC08FH	CAM-90914	IZM65N4-PC08FH	CAM-90926
	1000	66	IZM65N3-PC10FH	CAM-90915	IZM65N4-PC10FH	CAM-90927
	1250	66	IZM65N3-PC12FH	CAM-90916	IZM65N4-PC12FH	CAM-90928
	1600	66	IZM65N3-PC16FH	CAM-90917	IZM65N4-PC16FH	CAM-90929
	2000	66	IZM65N3-PC20FH	CAM-90918	IZM65N4-PC20FH	CAM-90930
	2500	66	IZM65N3-PC25FH	CAM-90919	IZM65N4-PC25FH	CAM-90931
IZM67	2000	66	IZM67N3-PC20FH	CAM-90920	IZM67N4-PC20FH	CAM-90932
	2500	66	IZM67N3-PC25FH	CAM-90921	IZM67N4-PC25FH	CAM-90933
	3200	66	IZM67N3-PC32FH	CAM-90922	IZM67N4-PC32FH	CAM-90934
	4000	66	IZM67N3-PC40FH	CAM-90923	IZM67N4-PC40FH	CAM-90935
Power mode LSI + ground + communication						
IZM65	400	66	IZM65N3-PGC04FH	CAM-90936	IZM65N4-PGC04FH	CAM-90948
	630	66	IZM65N3-PGC06FH	CAM-90937	IZM65N4-PGC06FH	CAM-90949
	800	66	IZM65N3-PGC08FH	CAM-90938	IZM65N4-PGC08FH	CAM-90950
	1000	66	IZM65N3-PGC10FH	CAM-90939	IZM65N4-PGC10FH	CAM-90951
	1250	66	IZM65N3-PGC12FH	CAM-90940	IZM65N4-PGC12FH	CAM-90952
	1600	66	IZM65N3-PGC16FH	CAM-90941	IZM65N4-PGC16FH	CAM-90953
	2000	66	IZM65N3-PGC20FH	CAM-90942	IZM65N4-PGC20FH	CAM-90954
	2500	66	IZM65N3-PGC25FH	CAM-90943	IZM65N4-PGC25FH	CAM-90955
IZM67	2000	66	IZM67N3-PGC20FH	CAM-90944	IZM67N4-PGC20FH	CAM-90956
	2500	66	IZM67N3-PGC25FH	CAM-90945	IZM67N4-PGC25FH	CAM-90957
	3200	66	IZM67N3-PGC32FH	CAM-90946	IZM67N4-PGC32FH	CAM-90958
	4000	66	IZM67N3-PGC40FH	CAM-90947	IZM67N4-PGC40FH	CAM-90959

Devices supplied as standard:

Fixed circuit breaker's basic device, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, arc distinguishing cover, and handle.

PXR6.1P trip unit supplied as standard – Power mode (LCD), fixed type

Power mode LSI			3P	4P		
Frame	Rated current I _n (A)	Switching Capacity I _{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
Power mode LSI + residual current						
IZM65	400	66	IZM65N3-PL04FH	CAM-91248	IZM65N4-PL04FH	CAM-91260
	630	66	IZM65N3-PL06FH	CAM-91249	IZM65N4-PL06FH	CAM-91261
	800	66	IZM65N3-PL08FH	CAM-91250	IZM65N4-PL08FH	CAM-91262
	1000	66	IZM65N3-PL10FH	CAM-91251	IZM65N4-PL10FH	CAM-91263
	1250	66	IZM65N3-PL12FH	CAM-91252	IZM65N4-PL12FH	CAM-91264
	1600	66	IZM65N3-PL16FH	CAM-91253	IZM65N4-PL16FH	CAM-91265
	2000	66	IZM65N3-PL20FH	CAM-91254	IZM65N4-PL20FH	CAM-91266
	2500	66	IZM65N3-PL25FH	CAM-91255	IZM65N4-PL25FH	CAM-91267
IZM67	2000	66	IZM67N3-PL20FH	CAM-91256	IZM67N4-PL20FH	CAM-91268
	2500	66	IZM67N3-PL25FH	CAM-91257	IZM67N4-PL25FH	CAM-91269
	3200	66	IZM67N3-PL32FH	CAM-91258	IZM67N4-PL32FH	CAM-91270
	4000	66	IZM67N3-PL40FH	CAM-91259	IZM67N4-PL40FH	CAM-91271
Power mode LSI + residual current + communication						
IZM65	400	66	IZM65N3-PLC04FH	CAM-91272	IZM65N4-PLC04FH	CAM-91284
	630	66	IZM65N3-PLC06FH	CAM-91273	IZM65N4-PLC06FH	CAM-91285
	800	66	IZM65N3-PLC08FH	CAM-91274	IZM65N4-PLC08FH	CAM-91286
	1000	66	IZM65N3-PLC10FH	CAM-91275	IZM65N4-PLC10FH	CAM-91287
	1250	66	IZM65N3-PLC12FH	CAM-91276	IZM65N4-PLC12FH	CAM-91288
	1600	66	IZM65N3-PLC16FH	CAM-91277	IZM65N4-PLC16FH	CAM-91289
	2000	66	IZM65N3-PLC20FH	CAM-91278	IZM65N4-PLC20FH	CAM-91290
	2500	66	IZM65N3-PLC25FH	CAM-91279	IZM65N4-PLC25FH	CAM-91291
IZM67	2000	66	IZM67N3-PLC20FH	CAM-91280	IZM67N4-PLC20FH	CAM-91292
	2500	66	IZM67N3-PLC25FH	CAM-91281	IZM67N4-PLC25FH	CAM-91293
	3200	66	IZM67N3-PLC32FH	CAM-91282	IZM67N4-PLC32FH	CAM-91294
	4000	66	IZM67N3-PLC40FH	CAM-91283	IZM67N4-PLC40FH	CAM-91295

IZM6 Series Air Circuit Breakers

Ordering Description

Devices supplied as standard:

Fixed circuit breaker's basic device, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, arc distinguishing cover, and handle.

PXR6.1A trip unit supplied as standard – Current mode (LCD), fixed type

Current mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM67	2000	85	IZM67S3-A20FH	CAM-92552	IZM67S4-A20FH	CAM-92556
	2500	85	IZM67S3-A25FH	CAM-92553	IZM67S4-A25FH	CAM-92557
	3200	85	IZM67S3-A32FH	CAM-92554	IZM67S4-A32FH	CAM-92558
	4000	85	IZM67S3-A40FH	CAM-92555	IZM67S4-A40FH	CAM-92559
Current mode LSI + ground						
IZM67	2000	85	IZM67S3-AG20FH	CAM-92560	IZM67S4-AG20FH	CAM-92564
	2500	85	IZM67S3-AG25FH	CAM-92561	IZM67S4-AG25FH	CAM-92565
	3200	85	IZM67S3-AG32FH	CAM-92562	IZM67S4-AG32FH	CAM-92566
	4000	85	IZM67S3-AG40FH	CAM-92563	IZM67S4-AG40FH	CAM-92567
Current mode LSI + communication						
IZM67	2000	85	IZM67S3-AC20FH	CAM-92568	IZM67S4-AC20FH	CAM-92572
	2500	85	IZM67S3-AC25FH	CAM-92569	IZM67S4-AC25FH	CAM-92573
	3200	85	IZM67S3-AC32FH	CAM-92570	IZM67S4-AC32FH	CAM-92574
	4000	85	IZM67S3-AC40FH	CAM-92571	IZM67S4-AC40FH	CAM-92575
Current mode LSI + ground + communication						
IZM67	2000	85	IZM67S3-AGC20FH	CAM-92576	IZM67S4-AGC20FH	CAM-92580
	2500	85	IZM67S3-AGC25FH	CAM-92577	IZM67S4-AGC25FH	CAM-92581
	3200	85	IZM67S3-AGC32FH	CAM-92578	IZM67S4-AGC32FH	CAM-92582
	4000	85	IZM67S3-AGC40FH	CAM-92579	IZM67S4-AGC40FH	CAM-92583

PXR6.1E trip unit supplied as standard – Current-voltage mode (LCD), fixed type

Current-voltage mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM67	2000	85	IZM67S3-E20FH	CAM-92616	IZM67S4-E20FH	CAM-92620
	2500	85	IZM67S3-E25FH	CAM-92617	IZM67S4-E25FH	CAM-92621
	3200	85	IZM67S3-E32FH	CAM-92618	IZM67S4-E32FH	CAM-92622
	4000	85	IZM67S3-E40FH	CAM-92619	IZM67S4-E40FH	CAM-92623
Current-voltage mode LSI + ground						
IZM67	2000	85	IZM67S3-EG20FH	CAM-92624	IZM67S4-EG20FH	CAM-92628
	2500	85	IZM67S3-EG25FH	CAM-92625	IZM67S4-EG25FH	CAM-92629
	3200	85	IZM67S3-EG32FH	CAM-92626	IZM67S4-EG32FH	CAM-92630
	4000	85	IZM67S3-EG40FH	CAM-92627	IZM67S4-EG40FH	CAM-92631
Current-voltage mode LSI + communication						
IZM67	2000	85	IZM67S3-EC20FH	CAM-92632	IZM67S4-EC20FH	CAM-92636
	2500	85	IZM67S3-EC25FH	CAM-92633	IZM67S4-EC25FH	CAM-92637
	3200	85	IZM67S3-EC32FH	CAM-92634	IZM67S4-EC32FH	CAM-92638
	4000	85	IZM67S3-EC40FH	CAM-92635	IZM67S4-EC40FH	CAM-92639
Current-voltage mode LSI + ground + communication						
IZM67	2000	85	IZM67S3-EGC20FH	CAM-92640	IZM67S4-EGC20FH	CAM-92644
	2500	85	IZM67S3-EGC25FH	CAM-92641	IZM67S4-EGC25FH	CAM-92645
	3200	85	IZM67S3-EGC32FH	CAM-92642	IZM67S4-EGC32FH	CAM-92646
	4000	85	IZM67S3-EGC40FH	CAM-92643	IZM67S4-EGC40FH	CAM-92647

Devices supplied as standard:

Fixed circuit breaker's basic device, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR6.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, arc distinguishing cover, and handle.

PXR6.1P trip unit supplied as standard – Power mode (LCD), fixed type

Power mode LSI			3P	4P		
Frame	Rated current I _n (A)	Switching Capacity I _{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM67	2000	85	IZM67S3-P20FH	CAM-92680	IZM67S4-P20FH	CAM-92684
	2500	85	IZM67S3-P25FH	CAM-92681	IZM67S4-P25FH	CAM-92685
	3200	85	IZM67S3-P32FH	CAM-92682	IZM67S4-P32FH	CAM-92686
	4000	85	IZM67S3-P40FH	CAM-92683	IZM67S4-P40FH	CAM-92687
Power mode LSI + ground						
IZM67	2000	85	IZM67S3-PG20FH	CAM-92688	IZM67S4-PG20FH	CAM-92692
	2500	85	IZM67S3-PG25FH	CAM-92689	IZM67S4-PG25FH	CAM-92693
	3200	85	IZM67S3-PG32FH	CAM-92690	IZM67S4-PG32FH	CAM-92694
	4000	85	IZM67S3-PG40FH	CAM-92691	IZM67S4-PG40FH	CAM-92695
Power mode LSI + communication						
IZM67	2000	85	IZM67S3-PC20FH	CAM-92696	IZM67S4-PC20FH	CAM-92700
	2500	85	IZM67S3-PC25FH	CAM-92697	IZM67S4-PC25FH	CAM-92701
	3200	85	IZM67S3-PC32FH	CAM-92698	IZM67S4-PC32FH	CAM-92702
	4000	85	IZM67S3-PC40FH	CAM-92699	IZM67S4-PC40FH	CAM-92703
Power mode LSI + ground + communication						
IZM67	2000	85	IZM67S3-PGC20FH	CAM-92704	IZM67S4-PGC20FH	CAM-92708
	2500	85	IZM67S3-PGC25FH	CAM-92705	IZM67S4-PGC25FH	CAM-92709
	3200	85	IZM67S3-PGC32FH	CAM-92706	IZM67S4-PGC32FH	CAM-92710
	4000	85	IZM67S3-PGC40FH	CAM-92707	IZM67S4-PGC40FH	CAM-92711
Power mode LSI + residual current						
IZM67	2000	85	IZM67S3-PL20FH	CAM-92728	IZM67S4-PL20FH	CAM-92732
	2500	85	IZM67S3-PL25FH	CAM-92729	IZM67S4-PL25FH	CAM-92733
	3200	85	IZM67S3-PL32FH	CAM-92730	IZM67S4-PL32FH	CAM-92734
	4000	85	IZM67S3-PL40FH	CAM-92731	IZM67S4-PL40FH	CAM-92735
Power mode LSI + residual current + communication						
IZM67	2000	85	IZM67S3-PLC20FH	CAM-92736	IZM67S4-PLC20FH	CAM-92740
	2500	85	IZM67S3-PLC25FH	CAM-92737	IZM67S4-PLC25FH	CAM-92741
	3200	85	IZM67S3-PLC32FH	CAM-92738	IZM67S4-PLC32FH	CAM-92742
	4000	85	IZM67S3-PLC40FH	CAM-92739	IZM67S4-PLC40FH	CAM-92743

IZM6 Series Air Circuit Breakers

Ordering Description

Devices supplied as standard:

Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR4.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, safety shutter, arc distinguishing cover, and handle.

PXR4.1A trip unit supplied as standard – Current mode (LED), drawout type

Current mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	55	IZM65B3-D04WH	CAM-91536	IZM65B4-D04WH	CAM-91548
	630	55	IZM65B3-D06WH	CAM-91537	IZM65B4-D06WH	CAM-91549
	800	55	IZM65B3-D08WH	CAM-91538	IZM65B4-D08WH	CAM-91550
	1000	55	IZM65B3-D10WH	CAM-91539	IZM65B4-D10WH	CAM-91551
	1250	55	IZM65B3-D12WH	CAM-91540	IZM65B4-D12WH	CAM-91552
	1600	55	IZM65B3-D16WH	CAM-91541	IZM65B4-D16WH	CAM-91553
	2000	55	IZM65B3-D20WH	CAM-91542	IZM65B4-D20WH	CAM-91554
	2500	55	IZM65B3-D25WH	CAM-91543	IZM65B4-D25WH	CAM-91555
IZM67	2000	55	IZM67B3-D20WH	CAM-91544	IZM67B4-D20WH	CAM-91556
	2500	55	IZM67B3-D25WH	CAM-91545	IZM67B4-D25WH	CAM-91557
	3200	55	IZM67B3-D32WH	CAM-91546	IZM67B4-D32WH	CAM-91558
	4000	55	IZM67B3-D40WH	CAM-91547	IZM67B4-D40WH	CAM-91559
Current mode LSI + ground						
IZM65	400	55	IZM65B3-DG04WH	CAM-91560	IZM65B4-DG04WH	CAM-91572
	630	55	IZM65B3-DG06WH	CAM-91561	IZM65B4-DG06WH	CAM-91573
	800	55	IZM65B3-DG08WH	CAM-91562	IZM65B4-DG08WH	CAM-91574
	1000	55	IZM65B3-DG10WH	CAM-91563	IZM65B4-DG10WH	CAM-91575
	1250	55	IZM65B3-DG12WH	CAM-91564	IZM65B4-DG12WH	CAM-91576
	1600	55	IZM65B3-DG16WH	CAM-91565	IZM65B4-DG16WH	CAM-91577
	2000	55	IZM65B3-DG20WH	CAM-91566	IZM65B4-DG20WH	CAM-91578
	2500	55	IZM65B3-DG25WH	CAM-91567	IZM65B4-DG25WH	CAM-91579
IZM67	2000	55	IZM67B3-DG20WH	CAM-91568	IZM67B4-DG20WH	CAM-91580
	2500	55	IZM67B3-DG25WH	CAM-91569	IZM67B4-DG25WH	CAM-91581
	3200	55	IZM67B3-DG32WH	CAM-91570	IZM67B4-DG32WH	CAM-91582
	4000	55	IZM67B3-DG40WH	CAM-91571	IZM67B4-DG40WH	CAM-91583
Current mode LSI + communication						
IZM65	400	55	IZM65B3-DC04WH	CAM-91584	IZM65B4-DC04WH	CAM-91596
	630	55	IZM65B3-DC06WH	CAM-91585	IZM65B4-DC06WH	CAM-91597
	800	55	IZM65B3-DC08WH	CAM-91586	IZM65B4-DC08WH	CAM-91598
	1000	55	IZM65B3-DC10WH	CAM-91587	IZM65B4-DC10WH	CAM-91599
	1250	55	IZM65B3-DC12WH	CAM-91588	IZM65B4-DC12WH	CAM-91600
	1600	55	IZM65B3-DC16WH	CAM-91589	IZM65B4-DC16WH	CAM-91601
	2000	55	IZM65B3-DC20WH	CAM-91590	IZM65B4-DC20WH	CAM-91602
	2500	55	IZM65B3-DC25WH	CAM-91591	IZM65B4-DC25WH	CAM-91603
IZM67	2000	55	IZM67B3-DC20WH	CAM-91592	IZM67B4-DC20WH	CAM-91604
	2500	55	IZM67B3-DC25WH	CAM-91593	IZM67B4-DC25WH	CAM-91605
	3200	55	IZM67B3-DC32WH	CAM-91594	IZM67B4-DC32WH	CAM-91606
	4000	55	IZM67B3-DC40WH	CAM-91595	IZM67B4-DC40WH	CAM-91607
Current mode LSI + ground + communication						
IZM65	400	55	IZM65B3-DGC04WH	CAM-91608	IZM65B4-DGC04WH	CAM-91620
	630	55	IZM65B3-DGC06WH	CAM-91609	IZM65B4-DGC06WH	CAM-91621
	800	55	IZM65B3-DGC08WH	CAM-91610	IZM65B4-DGC08WH	CAM-91622
	1000	55	IZM65B3-DGC10WH	CAM-91611	IZM65B4-DGC10WH	CAM-91623
	1250	55	IZM65B3-DGC12WH	CAM-91612	IZM65B4-DGC12WH	CAM-91624
	1600	55	IZM65B3-DGC16WH	CAM-91613	IZM65B4-DGC16WH	CAM-91625
	2000	55	IZM65B3-DGC20WH	CAM-91614	IZM65B4-DGC20WH	CAM-91626
	2500	55	IZM65B3-DGC25WH	CAM-91615	IZM65B4-DGC25WH	CAM-91627
IZM67	2000	55	IZM67B3-DGC20WH	CAM-91616	IZM67B4-DGC20WH	CAM-91628
	2500	55	IZM67B3-DGC25WH	CAM-91617	IZM67B4-DGC25WH	CAM-91629
	3200	55	IZM67B3-DGC32WH	CAM-91618	IZM67B4-DGC32WH	CAM-91630
	4000	55	IZM67B3-DGC40WH	CAM-91619	IZM67B4-DGC40WH	CAM-91631

Devices supplied as standard:

Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR4.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, safety shutter, arc distinguishing cover, and handle.

PXR4.1A trip unit supplied as standard – Current mode (LED), drawout type

Current mode LSI			3P		4P	
Frame	Rated current I _n (A)	Switching Capacity I _{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	66	IZM65N3-D04WH	CAM-91344	IZM65N4-D04WH	CAM-91356
	630	66	IZM65N3-D06WH	CAM-91345	IZM65N4-D06WH	CAM-91357
	800	66	IZM65N3-D08WH	CAM-91346	IZM65N4-D08WH	CAM-91358
	1000	66	IZM65N3-D10WH	CAM-91347	IZM65N4-D10WH	CAM-91359
	1250	66	IZM65N3-D12WH	CAM-91348	IZM65N4-D12WH	CAM-91360
	1600	66	IZM65N3-D16WH	CAM-91349	IZM65N4-D16WH	CAM-91361
	2000	66	IZM65N3-D20WH	CAM-91350	IZM65N4-D20WH	CAM-91362
	2500	66	IZM65N3-D25WH	CAM-91351	IZM65N4-D25WH	CAM-91363
IZM67	2000	66	IZM67N3-D20WH	CAM-91352	IZM67N4-D20WH	CAM-91364
	2500	66	IZM67N3-D25WH	CAM-91353	IZM67N4-D25WH	CAM-91365
	3200	66	IZM67N3-D32WH	CAM-91354	IZM67N4-D32WH	CAM-91366
	4000	66	IZM67N3-D40WH	CAM-91355	IZM67N4-D40WH	CAM-91367
Current mode LSI + ground						
IZM65	400	66	IZM65N3-DG04WH	CAM-91368	IZM65N4-DG04WH	CAM-91380
	630	66	IZM65N3-DG06WH	CAM-91369	IZM65N4-DG06WH	CAM-91381
	800	66	IZM65N3-DG08WH	CAM-91370	IZM65N4-DG08WH	CAM-91382
	1000	66	IZM65N3-DG10WH	CAM-91371	IZM65N4-DG10WH	CAM-91383
	1250	66	IZM65N3-DG12WH	CAM-91372	IZM65N4-DG12WH	CAM-91384
	1600	66	IZM65N3-DG16WH	CAM-91373	IZM65N4-DG16WH	CAM-91385
	2000	66	IZM65N3-DG20WH	CAM-91374	IZM65N4-DG20WH	CAM-91386
	2500	66	IZM65N3-DG25WH	CAM-91375	IZM65N4-DG25WH	CAM-91387
IZM67	2000	66	IZM67N3-DG20WH	CAM-91376	IZM67N4-DG20WH	CAM-91388
	2500	66	IZM67N3-DG25WH	CAM-91377	IZM67N4-DG25WH	CAM-91389
	3200	66	IZM67N3-DG32WH	CAM-91378	IZM67N4-DG32WH	CAM-91390
	4000	66	IZM67N3-DG40WH	CAM-91379	IZM67N4-DG40WH	CAM-91391
Current mode LSI + communication						
IZM65	400	66	IZM65N3-DC04WH	CAM-91392	IZM65N4-DC04WH	CAM-91404
	630	66	IZM65N3-DC06WH	CAM-91393	IZM65N4-DC06WH	CAM-91405
	800	66	IZM65N3-DC08WH	CAM-91394	IZM65N4-DC08WH	CAM-91406
	1000	66	IZM65N3-DC10WH	CAM-91395	IZM65N4-DC10WH	CAM-91407
	1250	66	IZM65N3-DC12WH	CAM-91396	IZM65N4-DC12WH	CAM-91408
	1600	66	IZM65N3-DC16WH	CAM-91397	IZM65N4-DC16WH	CAM-91409
	2000	66	IZM65N3-DC20WH	CAM-91398	IZM65N4-DC20WH	CAM-91410
	2500	66	IZM65N3-DC25WH	CAM-91399	IZM65N4-DC25WH	CAM-91411
IZM67	2000	66	IZM67N3-DC20WH	CAM-91400	IZM67N4-DC20WH	CAM-91412
	2500	66	IZM67N3-DC25WH	CAM-91401	IZM67N4-DC25WH	CAM-91413
	3200	66	IZM67N3-DC32WH	CAM-91402	IZM67N4-DC32WH	CAM-91414
	4000	66	IZM67N3-DC40WH	CAM-91403	IZM67N4-DC40WH	CAM-91415
Current mode LSI + ground + communication						
IZM65	400	66	IZM65N3-DGC04WH	CAM-91416	IZM65N4-DGC04WH	CAM-91428
	630	66	IZM65N3-DGC06WH	CAM-91417	IZM65N4-DGC06WH	CAM-91429
	800	66	IZM65N3-DGC08WH	CAM-91418	IZM65N4-DGC08WH	CAM-91430
	1000	66	IZM65N3-DGC10WH	CAM-91419	IZM65N4-DGC10WH	CAM-91431
	1250	66	IZM65N3-DGC12WH	CAM-91420	IZM65N4-DGC12WH	CAM-91432
	1600	66	IZM65N3-DGC16WH	CAM-91421	IZM65N4-DGC16WH	CAM-91433
	2000	66	IZM65N3-DGC20WH	CAM-91422	IZM65N4-DGC20WH	CAM-91434
	2500	66	IZM65N3-DGC25WH	CAM-91423	IZM65N4-DGC25WH	CAM-91435
IZM67	2000	66	IZM67N3-DGC20WH	CAM-91424	IZM67N4-DGC20WH	CAM-91436
	2500	66	IZM67N3-DGC25WH	CAM-91425	IZM67N4-DGC25WH	CAM-91437
	3200	66	IZM67N3-DGC32WH	CAM-91426	IZM67N4-DGC32WH	CAM-91438
	4000	66	IZM67N3-DGC40WH	CAM-91427	IZM67N4-DGC40WH	CAM-91439

IZM6 Series Air Circuit Breakers

Ordering Description

Devices supplied as standard:

Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR4.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, safety shutter, arc distinguishing cover, and handle.

PXR4.1P trip unit supplied as standard – Power mode (LED), drawout type

Power mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	55	IZM65B3-F04WH	CAM-91920	IZM65B4-F04WH	CAM-91932
	630	55	IZM65B3-F06WH	CAM-91921	IZM65B4-F06WH	CAM-91933
	800	55	IZM65B3-F08WH	CAM-91922	IZM65B4-F08WH	CAM-91934
	1000	55	IZM65B3-F10WH	CAM-91923	IZM65B4-F10WH	CAM-91935
	1250	55	IZM65B3-F12WH	CAM-91924	IZM65B4-F12WH	CAM-91936
	1600	55	IZM65B3-F16WH	CAM-91925	IZM65B4-F16WH	CAM-91937
	2000	55	IZM65B3-F20WH	CAM-91926	IZM65B4-F20WH	CAM-91938
	2500	55	IZM65B3-F25WH	CAM-91927	IZM65B4-F25WH	CAM-91939
IZM67	2000	55	IZM67B3-F20WH	CAM-91928	IZM67B4-F20WH	CAM-91940
	2500	55	IZM67B3-F25WH	CAM-91929	IZM67B4-F25WH	CAM-91941
	3200	55	IZM67B3-F32WH	CAM-91930	IZM67B4-F32WH	CAM-91942
	4000	55	IZM67B3-F40WH	CAM-91931	IZM67B4-F40WH	CAM-91943
Power mode LSI + ground						
IZM65	400	55	IZM65B3-FG04WH	CAM-91944	IZM65B4-FG04WH	CAM-91956
	630	55	IZM65B3-FG06WH	CAM-91945	IZM65B4-FG06WH	CAM-91957
	800	55	IZM65B3-FG08WH	CAM-91946	IZM65B4-FG08WH	CAM-91958
	1000	55	IZM65B3-FG10WH	CAM-91947	IZM65B4-FG10WH	CAM-91959
	1250	55	IZM65B3-FG12WH	CAM-91948	IZM65B4-FG12WH	CAM-91960
	1600	55	IZM65B3-FG16WH	CAM-91949	IZM65B4-FG16WH	CAM-91961
	2000	55	IZM65B3-FG20WH	CAM-91950	IZM65B4-FG20WH	CAM-91962
	2500	55	IZM65B3-FG25WH	CAM-91951	IZM65B4-FG25WH	CAM-91963
IZM67	2000	55	IZM67B3-FG20WH	CAM-91952	IZM67B4-FG20WH	CAM-91964
	2500	55	IZM67B3-FG25WH	CAM-91953	IZM67B4-FG25WH	CAM-91965
	3200	55	IZM67B3-FG32WH	CAM-91954	IZM67B4-FG32WH	CAM-91966
	4000	55	IZM67B3-FG40WH	CAM-91955	IZM67B4-FG40WH	CAM-91967
Power mode LSI + communication						
IZM65	400	55	IZM65B3-FC04WH	CAM-91968	IZM65B4-FC04WH	CAM-91980
	630	55	IZM65B3-FC06WH	CAM-91969	IZM65B4-FC06WH	CAM-91981
	800	55	IZM65B3-FC08WH	CAM-91970	IZM65B4-FC08WH	CAM-91982
	1000	55	IZM65B3-FC10WH	CAM-91971	IZM65B4-FC10WH	CAM-91983
	1250	55	IZM65B3-FC12WH	CAM-91972	IZM65B4-FC12WH	CAM-91984
	1600	55	IZM65B3-FC16WH	CAM-91973	IZM65B4-FC16WH	CAM-91985
	2000	55	IZM65B3-FC20WH	CAM-91974	IZM65B4-FC20WH	CAM-91986
	2500	55	IZM65B3-FC25WH	CAM-91975	IZM65B4-FC25WH	CAM-91987
IZM67	2000	55	IZM67B3-FC20WH	CAM-91976	IZM67B4-FC20WH	CAM-91988
	2500	55	IZM67B3-FC25WH	CAM-91977	IZM67B4-FC25WH	CAM-91989
	3200	55	IZM67B3-FC32WH	CAM-91978	IZM67B4-FC32WH	CAM-91990
	4000	55	IZM67B3-FC40WH	CAM-91979	IZM67B4-FC40WH	CAM-91991
Power mode LSI + ground + communication						
IZM65	400	55	IZM65B3-FGC04WH	CAM-91992	IZM65B4-FGC04WH	CAM-92004
	630	55	IZM65B3-FGC06WH	CAM-91993	IZM65B4-FGC06WH	CAM-92005
	800	55	IZM65B3-FGC08WH	CAM-91994	IZM65B4-FGC08WH	CAM-92006
	1000	55	IZM65B3-FGC10WH	CAM-91995	IZM65B4-FGC10WH	CAM-92007
	1250	55	IZM65B3-FGC12WH	CAM-91996	IZM65B4-FGC12WH	CAM-92008
	1600	55	IZM65B3-FGC16WH	CAM-91997	IZM65B4-FGC16WH	CAM-92009
	2000	55	IZM65B3-FGC20WH	CAM-91998	IZM65B4-FGC20WH	CAM-92010
	2500	55	IZM65B3-FGC25WH	CAM-91999	IZM65B4-FGC25WH	CAM-92011
IZM67	2000	55	IZM67B3-FGC20WH	CAM-92000	IZM67B4-FGC20WH	CAM-92012
	2500	55	IZM67B3-FGC25WH	CAM-92001	IZM67B4-FGC25WH	CAM-92013
	3200	55	IZM67B3-FGC32WH	CAM-92002	IZM67B4-FGC32WH	CAM-92014
	4000	55	IZM67B3-FGC40WH	CAM-92003	IZM67B4-FGC40WH	CAM-92015

Devices supplied as standard:

Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR4.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, safety shutter, arc distinguishing cover, and handle.

PXR4.1P trip unit supplied as standard – Power mode (LED), drawout type

Power mode LSI			3P		4P	
Frame	Rated current I _n (A)	Switching Capacity I _{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	66	IZM65N3-F04WH	CAM-91728	IZM65N4-F04WH	CAM-91740
	630	66	IZM65N3-F06WH	CAM-91729	IZM65N4-F06WH	CAM-91741
	800	66	IZM65N3-F08WH	CAM-91730	IZM65N4-F08WH	CAM-91742
	1000	66	IZM65N3-F10WH	CAM-91731	IZM65N4-F10WH	CAM-91743
	1250	66	IZM65N3-F12WH	CAM-91732	IZM65N4-F12WH	CAM-91744
	1600	66	IZM65N3-F16WH	CAM-91733	IZM65N4-F16WH	CAM-91745
	2000	66	IZM65N3-F20WH	CAM-91734	IZM65N4-F20WH	CAM-91746
	2500	66	IZM65N3-F25WH	CAM-91735	IZM65N4-F25WH	CAM-91747
IZM67	2000	66	IZM67N3-F20WH	CAM-91736	IZM67N4-F20WH	CAM-91748
	2500	66	IZM67N3-F25WH	CAM-91737	IZM67N4-F25WH	CAM-91749
	3200	66	IZM67N3-F32WH	CAM-91738	IZM67N4-F32WH	CAM-91750
	4000	66	IZM67N3-F40WH	CAM-91739	IZM67N4-F40WH	CAM-91751
Power mode LSI + ground						
IZM65	400	66	IZM65N3-FG04WH	CAM-91752	IZM65N4-FG04WH	CAM-91764
	630	66	IZM65N3-FG06WH	CAM-91753	IZM65N4-FG06WH	CAM-91765
	800	66	IZM65N3-FG08WH	CAM-91754	IZM65N4-FG08WH	CAM-91766
	1000	66	IZM65N3-FG10WH	CAM-91755	IZM65N4-FG10WH	CAM-91767
	1250	66	IZM65N3-FG12WH	CAM-91756	IZM65N4-FG12WH	CAM-91768
	1600	66	IZM65N3-FG16WH	CAM-91757	IZM65N4-FG16WH	CAM-91769
	2000	66	IZM65N3-FG20WH	CAM-91758	IZM65N4-FG20WH	CAM-91770
	2500	66	IZM65N3-FG25WH	CAM-91759	IZM65N4-FG25WH	CAM-91771
IZM67	2000	66	IZM67N3-FG20WH	CAM-91760	IZM67N4-FG20WH	CAM-91772
	2500	66	IZM67N3-FG25WH	CAM-91761	IZM67N4-FG25WH	CAM-91773
	3200	66	IZM67N3-FG32WH	CAM-91762	IZM67N4-FG32WH	CAM-91774
	4000	66	IZM67N3-FG40WH	CAM-91763	IZM67N4-FG40WH	CAM-91775
Power mode LSI + communication						
IZM65	400	66	IZM65N3-FC04WH	CAM-91776	IZM65N4-FC04WH	CAM-91788
	630	66	IZM65N3-FC06WH	CAM-91777	IZM65N4-FC06WH	CAM-91789
	800	66	IZM65N3-FC08WH	CAM-91778	IZM65N4-FC08WH	CAM-91790
	1000	66	IZM65N3-FC10WH	CAM-91779	IZM65N4-FC10WH	CAM-91791
	1250	66	IZM65N3-FC12WH	CAM-91780	IZM65N4-FC12WH	CAM-91792
	1600	66	IZM65N3-FC16WH	CAM-91781	IZM65N4-FC16WH	CAM-91793
	2000	66	IZM65N3-FC20WH	CAM-91782	IZM65N4-FC20WH	CAM-91794
	2500	66	IZM65N3-FC25WH	CAM-91783	IZM65N4-FC25WH	CAM-91795
IZM67	2000	66	IZM67N3-FC20WH	CAM-91784	IZM67N4-FC20WH	CAM-91796
	2500	66	IZM67N3-FC25WH	CAM-91785	IZM67N4-FC25WH	CAM-91797
	3200	66	IZM67N3-FC32WH	CAM-91786	IZM67N4-FC32WH	CAM-91798
	4000	66	IZM67N3-FC40WH	CAM-91787	IZM67N4-FC40WH	CAM-91799
Power mode LSI + ground + communication						
IZM65	400	66	IZM65N3-FGC04WH	CAM-91800	IZM65N4-FGC04WH	CAM-91812
	630	66	IZM65N3-FGC06WH	CAM-91801	IZM65N4-FGC06WH	CAM-91813
	800	66	IZM65N3-FGC08WH	CAM-91802	IZM65N4-FGC08WH	CAM-91814
	1000	66	IZM65N3-FGC10WH	CAM-91803	IZM65N4-FGC10WH	CAM-91815
	1250	66	IZM65N3-FGC12WH	CAM-91804	IZM65N4-FGC12WH	CAM-91816
	1600	66	IZM65N3-FGC16WH	CAM-91805	IZM65N4-FGC16WH	CAM-91817
	2000	66	IZM65N3-FGC20WH	CAM-91806	IZM65N4-FGC20WH	CAM-91818
	2500	66	IZM65N3-FGC25WH	CAM-91807	IZM65N4-FGC25WH	CAM-91819
IZM67	2000	66	IZM67N3-FGC20WH	CAM-91808	IZM67N4-FGC20WH	CAM-91820
	2500	66	IZM67N3-FGC25WH	CAM-91809	IZM67N4-FGC25WH	CAM-91821
	3200	66	IZM67N3-FGC32WH	CAM-91810	IZM67N4-FGC32WH	CAM-91822
	4000	66	IZM67N3-FGC40WH	CAM-91811	IZM67N4-FGC40WH	CAM-91823

IZM6 Series Air Circuit Breakers

Ordering Description

Devices supplied as standard:

Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR4.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, safety shutter, arc distinguishing cover, and handle.

PXR4.1A trip unit supplied as standard – Current mode (LED), drawout type

Current mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM67	2000	85	IZM67S3-D20WH	CAM-92744	IZM67S4-D20WH	CAM-92748
	2500	85	IZM67S3-D25WH	CAM-92745	IZM67S4-D25WH	CAM-92749
	3200	85	IZM67S3-D32WH	CAM-92746	IZM67S4-D32WH	CAM-92750
	4000	85	IZM67S3-D40WH	CAM-92747	IZM67S4-D40WH	CAM-92751
Current mode LSI + ground						
IZM67	2000	85	IZM67S3-DG20WH	CAM-92752	IZM67S4-DG20WH	CAM-92756
	2500	85	IZM67S3-DG25WH	CAM-92753	IZM67S4-DG25WH	CAM-92757
	3200	85	IZM67S3-DG32WH	CAM-92754	IZM67S4-DG32WH	CAM-92758
	4000	85	IZM67S3-DG40WH	CAM-92755	IZM67S4-DG40WH	CAM-92759
Current mode LSI + communication						
IZM67	2000	85	IZM67S3-DC20WH	CAM-92760	IZM67S4-DC20WH	CAM-92764
	2500	85	IZM67S3-DC25WH	CAM-92761	IZM67S4-DC25WH	CAM-92765
	3200	85	IZM67S3-DC32WH	CAM-92762	IZM67S4-DC32WH	CAM-92766
	4000	85	IZM67S3-DC40WH	CAM-92763	IZM67S4-DC40WH	CAM-92767
Current mode LSI + ground + communication						
IZM67	2000	85	IZM67S3-DGC20WH	CAM-92768	IZM67S4-DGC20WH	CAM-92772
	2500	85	IZM67S3-DGC25WH	CAM-92769	IZM67S4-DGC25WH	CAM-92773
	3200	85	IZM67S3-DGC32WH	CAM-92770	IZM67S4-DGC32WH	CAM-92774
	4000	85	IZM67S3-DGC40WH	CAM-92771	IZM67S4-DGC40WH	CAM-92775

PXR4.1P trip unit supplied as standard – Power mode (LED), drawout type

Power mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM67	2000	85	IZM67S3-F20WH	CAM-92808	IZM67S4-F20WH	CAM-92812
	2500	85	IZM67S3-F25WH	CAM-92809	IZM67S4-F25WH	CAM-92813
	3200	85	IZM67S3-F32WH	CAM-92810	IZM67S4-F32WH	CAM-92814
	4000	85	IZM67S3-F40WH	CAM-92811	IZM67S4-F40WH	CAM-92815
Power mode LSI + ground						
IZM67	2000	85	IZM67S3-FG20WH	CAM-92816	IZM67S4-FG20WH	CAM-92820
	2500	85	IZM67S3-FG25WH	CAM-92817	IZM67S4-FG25WH	CAM-92821
	3200	85	IZM67S3-FG32WH	CAM-92818	IZM67S4-FG32WH	CAM-92822
	4000	85	IZM67S3-FG40WH	CAM-92819	IZM67S4-FG40WH	CAM-92823
Power mode LSI + communication						
IZM67	2000	85	IZM67S3-FC20WH	CAM-92824	IZM67S4-FC20WH	CAM-92828
	2500	85	IZM67S3-FC25WH	CAM-92825	IZM67S4-FC25WH	CAM-92829
	3200	85	IZM67S3-FC32WH	CAM-92826	IZM67S4-FC32WH	CAM-92830
	4000	85	IZM67S3-FC40WH	CAM-92827	IZM67S4-FC40WH	CAM-92831
Power mode LSI + ground + communication						
IZM67	2000	85	IZM67S3-FGC20WH	CAM-92832	IZM67S4-FGC20WH	CAM-92836
	2500	85	IZM67S3-FGC25WH	CAM-92833	IZM67S4-FGC25WH	CAM-92837
	3200	85	IZM67S3-FGC32WH	CAM-92834	IZM67S4-FGC32WH	CAM-92838
	4000	85	IZM67S3-FGC40WH	CAM-92835	IZM67S4-FGC40WH	CAM-92839

Devices supplied as standard:

Fixed circuit breaker's basic device, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR4.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, arc distinguishing cover, and handle.

PXR4.1A trip unit supplied as standard – Current mode (LED), fixed type

Current mode LSI			3P		4P	
Frame	Rated current I _n (A)	Switching Capacity I _{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	55	IZM65B3-D04FH	CAM-91632	IZM65B4-D04FH	CAM-91644
	630	55	IZM65B3-D06FH	CAM-91633	IZM65B4-D06FH	CAM-91645
	800	55	IZM65B3-D08FH	CAM-91634	IZM65B4-D08FH	CAM-91646
	1000	55	IZM65B3-D10FH	CAM-91635	IZM65B4-D10FH	CAM-91647
	1250	55	IZM65B3-D12FH	CAM-91636	IZM65B4-D12FH	CAM-91648
	1600	55	IZM65B3-D16FH	CAM-91637	IZM65B4-D16FH	CAM-91649
	2000	55	IZM65B3-D20FH	CAM-91638	IZM65B4-D20FH	CAM-91650
	2500	55	IZM65B3-D25FH	CAM-91639	IZM65B4-D25FH	CAM-91651
IZM67	2000	55	IZM67B3-D20FH	CAM-91640	IZM67B4-D20FH	CAM-91652
	2500	55	IZM67B3-D25FH	CAM-91641	IZM67B4-D25FH	CAM-91653
	3200	55	IZM67B3-D32FH	CAM-91642	IZM67B4-D32FH	CAM-91654
	4000	55	IZM67B3-D40FH	CAM-91643	IZM67B4-D40FH	CAM-91655
Current mode LSI + ground						
IZM65	400	55	IZM65B3-DG04FH	CAM-91656	IZM65B4-DG04FH	CAM-91668
	630	55	IZM65B3-DG06FH	CAM-91657	IZM65B4-DG06FH	CAM-91669
	800	55	IZM65B3-DG08FH	CAM-91658	IZM65B4-DG08FH	CAM-91670
	1000	55	IZM65B3-DG10FH	CAM-91659	IZM65B4-DG10FH	CAM-91671
	1250	55	IZM65B3-DG12FH	CAM-91660	IZM65B4-DG12FH	CAM-91672
	1600	55	IZM65B3-DG16FH	CAM-91661	IZM65B4-DG16FH	CAM-91673
	2000	55	IZM65B3-DG20FH	CAM-91662	IZM65B4-DG20FH	CAM-91674
	2500	55	IZM65B3-DG25FH	CAM-91663	IZM65B4-DG25FH	CAM-91675
IZM67	2000	55	IZM67B3-DG20FH	CAM-91664	IZM67B4-DG20FH	CAM-91676
	2500	55	IZM67B3-DG25FH	CAM-91665	IZM67B4-DG25FH	CAM-91677
	3200	55	IZM67B3-DG32FH	CAM-91666	IZM67B4-DG32FH	CAM-91678
	4000	55	IZM67B3-DG40FH	CAM-91667	IZM67B4-DG40FH	CAM-91679
Current mode LSI + communication						
IZM65	400	55	IZM65B3-DC04FH	CAM-91680	IZM65B4-DC04FH	CAM-91692
	630	55	IZM65B3-DC06FH	CAM-91681	IZM65B4-DC06FH	CAM-91693
	800	55	IZM65B3-DC08FH	CAM-91682	IZM65B4-DC08FH	CAM-91694
	1000	55	IZM65B3-DC10FH	CAM-91683	IZM65B4-DC10FH	CAM-91695
	1250	55	IZM65B3-DC12FH	CAM-91684	IZM65B4-DC12FH	CAM-91696
	1600	55	IZM65B3-DC16FH	CAM-91685	IZM65B4-DC16FH	CAM-91697
	2000	55	IZM65B3-DC20FH	CAM-91686	IZM65B4-DC20FH	CAM-91698
	2500	55	IZM65B3-DC25FH	CAM-91687	IZM65B4-DC25FH	CAM-91699
IZM67	2000	55	IZM67B3-DC20FH	CAM-91688	IZM67B4-DC20FH	CAM-91700
	2500	55	IZM67B3-DC25FH	CAM-91689	IZM67B4-DC25FH	CAM-91701
	3200	55	IZM67B3-DC32FH	CAM-91690	IZM67B4-DC32FH	CAM-91702
	4000	55	IZM67B3-DC40FH	CAM-91691	IZM67B4-DC40FH	CAM-91703
Current mode LSI + ground + communication						
IZM65	400	55	IZM65B3-DGC04FH	CAM-91704	IZM65B4-DGC04FH	CAM-91716
	630	55	IZM65B3-DGC06FH	CAM-91705	IZM65B4-DGC06FH	CAM-91717
	800	55	IZM65B3-DGC08FH	CAM-91706	IZM65B4-DGC08FH	CAM-91718
	1000	55	IZM65B3-DGC10FH	CAM-91707	IZM65B4-DGC10FH	CAM-91719
	1250	55	IZM65B3-DGC12FH	CAM-91708	IZM65B4-DGC12FH	CAM-91720
	1600	55	IZM65B3-DGC16FH	CAM-91709	IZM65B4-DGC16FH	CAM-91721
	2000	55	IZM65B3-DGC20FH	CAM-91710	IZM65B4-DGC20FH	CAM-91722
	2500	55	IZM65B3-DGC25FH	CAM-91711	IZM65B4-DGC25FH	CAM-91723
IZM67	2000	55	IZM67B3-DGC20FH	CAM-91712	IZM67B4-DGC20FH	CAM-91724
	2500	55	IZM67B3-DGC25FH	CAM-91713	IZM67B4-DGC25FH	CAM-91725
	3200	55	IZM67B3-DGC32FH	CAM-91714	IZM67B4-DGC32FH	CAM-91726
	4000	55	IZM67B3-DGC40FH	CAM-91715	IZM67B4-DGC40FH	CAM-91727

IZM6 Series Air Circuit Breakers

Ordering Description

Devices supplied as standard:

Fixed circuit breaker's basic device, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR4.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, arc distinguishing cover, and handle.

PXR4.1A trip unit supplied as standard – Current mode (LED), fixed type

Current mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	66	IZM65N3-D04FH	CAM-91440	IZM65N4-D04FH	CAM-91452
	630	66	IZM65N3-D06FH	CAM-91441	IZM65N4-D06FH	CAM-91453
	800	66	IZM65N3-D08FH	CAM-91442	IZM65N4-D08FH	CAM-91454
	1000	66	IZM65N3-D10FH	CAM-91443	IZM65N4-D10FH	CAM-91455
	1250	66	IZM65N3-D12FH	CAM-91444	IZM65N4-D12FH	CAM-91456
	1600	66	IZM65N3-D16FH	CAM-91445	IZM65N4-D16FH	CAM-91457
	2000	66	IZM65N3-D20FH	CAM-91446	IZM65N4-D20FH	CAM-91458
	2500	66	IZM65N3-D25FH	CAM-91447	IZM65N4-D25FH	CAM-91459
IZM67	2000	66	IZM67N3-D20FH	CAM-91448	IZM67N4-D20FH	CAM-91460
	2500	66	IZM67N3-D25FH	CAM-91449	IZM67N4-D25FH	CAM-91461
	3200	66	IZM67N3-D32FH	CAM-91450	IZM67N4-D32FH	CAM-91462
	4000	66	IZM67N3-D40FH	CAM-91451	IZM67N4-D40FH	CAM-91463
Current mode LSI + ground						
IZM65	400	66	IZM65N3-DG04FH	CAM-91464	IZM65N4-DG04FH	CAM-91476
	630	66	IZM65N3-DG06FH	CAM-91465	IZM65N4-DG06FH	CAM-91477
	800	66	IZM65N3-DG08FH	CAM-91466	IZM65N4-DG08FH	CAM-91478
	1000	66	IZM65N3-DG10FH	CAM-91467	IZM65N4-DG10FH	CAM-91479
	1250	66	IZM65N3-DG12FH	CAM-91468	IZM65N4-DG12FH	CAM-91480
	1600	66	IZM65N3-DG16FH	CAM-91469	IZM65N4-DG16FH	CAM-91481
	2000	66	IZM65N3-DG20FH	CAM-91470	IZM65N4-DG20FH	CAM-91482
	2500	66	IZM65N3-DG25FH	CAM-91471	IZM65N4-DG25FH	CAM-91483
IZM67	2000	66	IZM67N3-DG20FH	CAM-91472	IZM67N4-DG20FH	CAM-91484
	2500	66	IZM67N3-DG25FH	CAM-91473	IZM67N4-DG25FH	CAM-91485
	3200	66	IZM67N3-DG32FH	CAM-91474	IZM67N4-DG32FH	CAM-91486
	4000	66	IZM67N3-DG40FH	CAM-91475	IZM67N4-DG40FH	CAM-91487
Current mode LSI + communication						
IZM65	400	66	IZM65N3-DC04FH	CAM-91488	IZM65N4-DC04FH	CAM-91500
	630	66	IZM65N3-DC06FH	CAM-91489	IZM65N4-DC06FH	CAM-91501
	800	66	IZM65N3-DC08FH	CAM-91490	IZM65N4-DC08FH	CAM-91502
	1000	66	IZM65N3-DC10FH	CAM-91491	IZM65N4-DC10FH	CAM-91503
	1250	66	IZM65N3-DC12FH	CAM-91492	IZM65N4-DC12FH	CAM-91504
	1600	66	IZM65N3-DC16FH	CAM-91493	IZM65N4-DC16FH	CAM-91505
	2000	66	IZM65N3-DC20FH	CAM-91494	IZM65N4-DC20FH	CAM-91506
	2500	66	IZM65N3-DC25FH	CAM-91495	IZM65N4-DC25FH	CAM-91507
IZM67	2000	66	IZM67N3-DC20FH	CAM-91496	IZM67N4-DC20FH	CAM-91508
	2500	66	IZM67N3-DC25FH	CAM-91497	IZM67N4-DC25FH	CAM-91509
	3200	66	IZM67N3-DC32FH	CAM-91498	IZM67N4-DC32FH	CAM-91510
	4000	66	IZM67N3-DC40FH	CAM-91499	IZM67N4-DC40FH	CAM-91511
Current mode LSI + ground + communication						
IZM65	400	66	IZM65N3-DGC04FH	CAM-91512	IZM65N4-DGC04FH	CAM-91524
	630	66	IZM65N3-DGC06FH	CAM-91513	IZM65N4-DGC06FH	CAM-91525
	800	66	IZM65N3-DGC08FH	CAM-91514	IZM65N4-DGC08FH	CAM-91526
	1000	66	IZM65N3-DGC10FH	CAM-91515	IZM65N4-DGC10FH	CAM-91527
	1250	66	IZM65N3-DGC12FH	CAM-91516	IZM65N4-DGC12FH	CAM-91528
	1600	66	IZM65N3-DGC16FH	CAM-91517	IZM65N4-DGC16FH	CAM-91529
	2000	66	IZM65N3-DGC20FH	CAM-91518	IZM65N4-DGC20FH	CAM-91530
	2500	66	IZM65N3-DGC25FH	CAM-91519	IZM65N4-DGC25FH	CAM-91531
IZM67	2000	66	IZM67N3-DGC20FH	CAM-91520	IZM67N4-DGC20FH	CAM-91532
	2500	66	IZM67N3-DGC25FH	CAM-91521	IZM67N4-DGC25FH	CAM-91533
	3200	66	IZM67N3-DGC32FH	CAM-91522	IZM67N4-DGC32FH	CAM-91534
	4000	66	IZM67N3-DGC40FH	CAM-91523	IZM67N4-DGC40FH	CAM-91535

Devices supplied as standard:

Fixed circuit breaker's basic device, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR4.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, arc distinguishing cover, and handle.

PXR4.1P trip unit supplied as standard – Power mode (LED), fixed type

Power mode LSI			3P		4P	
Frame	Rated current I _n (A)	Switching Capacity I _{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	55	IZM65B3-F04FH	CAM-92016	IZM65B4-F04FH	CAM-92028
	630	55	IZM65B3-F06FH	CAM-92017	IZM65B4-F06FH	CAM-92029
	800	55	IZM65B3-F08FH	CAM-92018	IZM65B4-F08FH	CAM-92030
	1000	55	IZM65B3-F10FH	CAM-92019	IZM65B4-F10FH	CAM-92031
	1250	55	IZM65B3-F12FH	CAM-92020	IZM65B4-F12FH	CAM-92032
	1600	55	IZM65B3-F16FH	CAM-92021	IZM65B4-F16FH	CAM-92033
	2000	55	IZM65B3-F20FH	CAM-92022	IZM65B4-F20FH	CAM-92034
IZM67	2500	55	IZM65B3-F25FH	CAM-92023	IZM65B4-F25FH	CAM-92035
	2000	55	IZM67B3-F20FH	CAM-92024	IZM67B4-F20FH	CAM-92036
	2500	55	IZM67B3-F25FH	CAM-92025	IZM67B4-F25FH	CAM-92037
	3200	55	IZM67B3-F32FH	CAM-92026	IZM67B4-F32FH	CAM-92038
	4000	55	IZM67B3-F40FH	CAM-92027	IZM67B4-F40FH	CAM-92039
Power mode LSI + ground						
IZM65	400	55	IZM65B3-FG04FH	CAM-92040	IZM65B4-FG04FH	CAM-92052
	630	55	IZM65B3-FG06FH	CAM-92041	IZM65B4-FG06FH	CAM-92053
	800	55	IZM65B3-FG08FH	CAM-92042	IZM65B4-FG08FH	CAM-92054
	1000	55	IZM65B3-FG10FH	CAM-92043	IZM65B4-FG10FH	CAM-92055
	1250	55	IZM65B3-FG12FH	CAM-92044	IZM65B4-FG12FH	CAM-92056
	1600	55	IZM65B3-FG16FH	CAM-92045	IZM65B4-FG16FH	CAM-92057
	2000	55	IZM65B3-FG20FH	CAM-92046	IZM65B4-FG20FH	CAM-92058
IZM67	2500	55	IZM65B3-FG25FH	CAM-92047	IZM65B4-FG25FH	CAM-92059
	2000	55	IZM67B3-FG20FH	CAM-92048	IZM67B4-FG20FH	CAM-92060
	2500	55	IZM67B3-FG25FH	CAM-92049	IZM67B4-FG25FH	CAM-92061
	3200	55	IZM67B3-FG32FH	CAM-92050	IZM67B4-FG32FH	CAM-92062
	4000	55	IZM67B3-FG40FH	CAM-92051	IZM67B4-FG40FH	CAM-92063
Power mode LSI + communication						
IZM65	400	55	IZM65B3-FC04FH	CAM-92064	IZM65B4-FC04FH	CAM-92076
	630	55	IZM65B3-FC06FH	CAM-92065	IZM65B4-FC06FH	CAM-92077
	800	55	IZM65B3-FC08FH	CAM-92066	IZM65B4-FC08FH	CAM-92078
	1000	55	IZM65B3-FC10FH	CAM-92067	IZM65B4-FC10FH	CAM-92079
	1250	55	IZM65B3-FC12FH	CAM-92068	IZM65B4-FC12FH	CAM-92080
	1600	55	IZM65B3-FC16FH	CAM-92069	IZM65B4-FC16FH	CAM-92081
	2000	55	IZM65B3-FC20FH	CAM-92070	IZM65B4-FC20FH	CAM-92082
IZM67	2500	55	IZM65B3-FC25FH	CAM-92071	IZM65B4-FC25FH	CAM-92083
	2000	55	IZM67B3-FC20FH	CAM-92072	IZM67B4-FC20FH	CAM-92084
	2500	55	IZM67B3-FC25FH	CAM-92073	IZM67B4-FC25FH	CAM-92085
	3200	55	IZM67B3-FC32FH	CAM-92074	IZM67B4-FC32FH	CAM-92086
	4000	55	IZM67B3-FC40FH	CAM-92075	IZM67B4-FC40FH	CAM-92087
Power mode LSI + ground + communication						
IZM65	400	55	IZM65B3-FGC04FH	CAM-92088	IZM65B4-FGC04FH	CAM-92100
	630	55	IZM65B3-FGC06FH	CAM-92089	IZM65B4-FGC06FH	CAM-92101
	800	55	IZM65B3-FGC08FH	CAM-92090	IZM65B4-FGC08FH	CAM-92102
	1000	55	IZM65B3-FGC10FH	CAM-92091	IZM65B4-FGC10FH	CAM-92103
	1250	55	IZM65B3-FGC12FH	CAM-92092	IZM65B4-FGC12FH	CAM-92104
	1600	55	IZM65B3-FGC16FH	CAM-92093	IZM65B4-FGC16FH	CAM-92105
	2000	55	IZM65B3-FGC20FH	CAM-92094	IZM65B4-FGC20FH	CAM-92106
IZM67	2500	55	IZM65B3-FGC25FH	CAM-92095	IZM65B4-FGC25FH	CAM-92107
	2000	55	IZM67B3-FGC20FH	CAM-92096	IZM67B4-FGC20FH	CAM-92108
	2500	55	IZM67B3-FGC25FH	CAM-92097	IZM67B4-FGC25FH	CAM-92109
	3200	55	IZM67B3-FGC32FH	CAM-92098	IZM67B4-FGC32FH	CAM-92110
	4000	55	IZM67B3-FGC40FH	CAM-92099	IZM67B4-FGC40FH	CAM-92111

IZM6 Series Air Circuit Breakers

Ordering Description

Devices supplied as standard:

Fixed circuit breaker's basic device, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR4.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, arc distinguishing cover, and handle.

PXR4.1P trip unit supplied as standard – Power mode (LED), fixed type

Power mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM65	400	66	IZM65N3-F04FH	CAM-91824	IZM65N4-F04FH	CAM-91836
	630	66	IZM65N3-F06FH	CAM-91825	IZM65N4-F06FH	CAM-91837
	800	66	IZM65N3-F08FH	CAM-91826	IZM65N4-F08FH	CAM-91838
	1000	66	IZM65N3-F10FH	CAM-91827	IZM65N4-F10FH	CAM-91839
	1250	66	IZM65N3-F12FH	CAM-91828	IZM65N4-F12FH	CAM-91840
	1600	66	IZM65N3-F16FH	CAM-91829	IZM65N4-F16FH	CAM-91841
	2000	66	IZM65N3-F20FH	CAM-91830	IZM65N4-F20FH	CAM-91842
	2500	66	IZM65N3-F25FH	CAM-91831	IZM65N4-F25FH	CAM-91843
IZM67	2000	66	IZM67N3-F20FH	CAM-91832	IZM67N4-F20FH	CAM-91844
	2500	66	IZM67N3-F25FH	CAM-91833	IZM67N4-F25FH	CAM-91845
	3200	66	IZM67N3-F32FH	CAM-91834	IZM67N4-F32FH	CAM-91846
	4000	66	IZM67N3-F40FH	CAM-91835	IZM67N4-F40FH	CAM-91847
Power mode LSI + ground						
IZM65	400	66	IZM65N3-FG04FH	CAM-91848	IZM65N4-FG04FH	CAM-91860
	630	66	IZM65N3-FG06FH	CAM-91849	IZM65N4-FG06FH	CAM-91861
	800	66	IZM65N3-FG08FH	CAM-91850	IZM65N4-FG08FH	CAM-91862
	1000	66	IZM65N3-FG10FH	CAM-91851	IZM65N4-FG10FH	CAM-91863
	1250	66	IZM65N3-FG12FH	CAM-91852	IZM65N4-FG12FH	CAM-91864
	1600	66	IZM65N3-FG16FH	CAM-91853	IZM65N4-FG16FH	CAM-91865
	2000	66	IZM65N3-FG20FH	CAM-91854	IZM65N4-FG20FH	CAM-91866
	2500	66	IZM65N3-FG25FH	CAM-91855	IZM65N4-FG25FH	CAM-91867
IZM67	2000	66	IZM67N3-FG20FH	CAM-91856	IZM67N4-FG20FH	CAM-91868
	2500	66	IZM67N3-FG25FH	CAM-91857	IZM67N4-FG25FH	CAM-91869
	3200	66	IZM67N3-FG32FH	CAM-91858	IZM67N4-FG32FH	CAM-91870
	4000	66	IZM67N3-FG40FH	CAM-91859	IZM67N4-FG40FH	CAM-91871
Power mode LSI + communication						
IZM65	400	66	IZM65N3-FC04FH	CAM-91872	IZM65N4-FC04FH	CAM-91884
	630	66	IZM65N3-FC06FH	CAM-91873	IZM65N4-FC06FH	CAM-91885
	800	66	IZM65N3-FC08FH	CAM-91874	IZM65N4-FC08FH	CAM-91886
	1000	66	IZM65N3-FC10FH	CAM-91875	IZM65N4-FC10FH	CAM-91887
	1250	66	IZM65N3-FC12FH	CAM-91876	IZM65N4-FC12FH	CAM-91888
	1600	66	IZM65N3-FC16FH	CAM-91877	IZM65N4-FC16FH	CAM-91889
	2000	66	IZM65N3-FC20FH	CAM-91878	IZM65N4-FC20FH	CAM-91890
	2500	66	IZM65N3-FC25FH	CAM-91879	IZM65N4-FC25FH	CAM-91891
IZM67	2000	66	IZM67N3-FC20FH	CAM-91880	IZM67N4-FC20FH	CAM-91892
	2500	66	IZM67N3-FC25FH	CAM-91881	IZM67N4-FC25FH	CAM-91893
	3200	66	IZM67N3-FC32FH	CAM-91882	IZM67N4-FC32FH	CAM-91894
	4000	66	IZM67N3-FC40FH	CAM-91883	IZM67N4-FC40FH	CAM-91895
Power mode LSI + ground + communication						
IZM65	400	66	IZM65N3-FGC04FH	CAM-91896	IZM65N4-FGC04FH	CAM-91908
	630	66	IZM65N3-FGC06FH	CAM-91897	IZM65N4-FGC06FH	CAM-91909
	800	66	IZM65N3-FGC08FH	CAM-91898	IZM65N4-FGC08FH	CAM-91910
	1000	66	IZM65N3-FGC10FH	CAM-91899	IZM65N4-FGC10FH	CAM-91911
	1250	66	IZM65N3-FGC12FH	CAM-91900	IZM65N4-FGC12FH	CAM-91912
	1600	66	IZM65N3-FGC16FH	CAM-91901	IZM65N4-FGC16FH	CAM-91913
	2000	66	IZM65N3-FGC20FH	CAM-91902	IZM65N4-FGC20FH	CAM-91914
	2500	66	IZM65N3-FGC25FH	CAM-91903	IZM65N4-FGC25FH	CAM-91915
IZM67	2000	66	IZM67N3-FGC20FH	CAM-91904	IZM67N4-FGC20FH	CAM-91916
	2500	66	IZM67N3-FGC25FH	CAM-91905	IZM67N4-FGC25FH	CAM-91917
	3200	66	IZM67N3-FGC32FH	CAM-91906	IZM67N4-FGC32FH	CAM-91918
	4000	66	IZM67N3-FGC40FH	CAM-91907	IZM67N4-FGC40FH	CAM-91919

Devices supplied as standard:

Fixed circuit breaker's basic device, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), PXR4.1 intelligent trip unit, Overcurrent trip switches OTS (1CO), door escutcheon, wiring terminal, 220V AC to DC24V power module, arc distinguishing cover, and handle.

PXR4.1A trip unit supplied as standard – Current mode (LED), fixed type

Current mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM67	2000	85	IZM67S3-D20FH	CAM-92776	IZM67S4-D20FH	CAM-92780
	2500	85	IZM67S3-D25FH	CAM-92777	IZM67S4-D25FH	CAM-92781
	3200	85	IZM67S3-D32FH	CAM-92778	IZM67S4-D32FH	CAM-92782
	4000	85	IZM67S3-D40FH	CAM-92779	IZM67S4-D40FH	CAM-92783
Current mode LSI + ground						
IZM67	2000	85	IZM67S3-DG20FH	CAM-92784	IZM67S4-DG20FH	CAM-92788
	2500	85	IZM67S3-DG25FH	CAM-92785	IZM67S4-DG25FH	CAM-92789
	3200	85	IZM67S3-DG32FH	CAM-92786	IZM67S4-DG32FH	CAM-92790
	4000	85	IZM67S3-DG40FH	CAM-92787	IZM67S4-DG40FH	CAM-92791
Current mode LSI + communication						
IZM67	2000	85	IZM67S3-DC20FH	CAM-92792	IZM67S4-DC20FH	CAM-92796
	2500	85	IZM67S3-DC25FH	CAM-92793	IZM67S4-DC25FH	CAM-92797
	3200	85	IZM67S3-DC32FH	CAM-92794	IZM67S4-DC32FH	CAM-92798
	4000	85	IZM67S3-DC40FH	CAM-92795	IZM67S4-DC40FH	CAM-92799
Current mode LSI + ground + communication						
IZM67	2000	85	IZM67S3-DGC20FH	CAM-92800	IZM67S4-DGC20FH	CAM-92804
	2500	85	IZM67S3-DGC25FH	CAM-92801	IZM67S4-DGC25FH	CAM-92805
	3200	85	IZM67S3-DGC32FH	CAM-92802	IZM67S4-DGC32FH	CAM-92806
	4000	85	IZM67S3-DGC40FH	CAM-92803	IZM67S4-DGC40FH	CAM-92807

PXR4.1P trip unit supplied as standard – Power mode (LED), fixed type

Power mode LSI			3P		4P	
Frame	Rated current I_n (A)	Switching Capacity I_{cu} (kA @690V AC)	Part no.	Article no.	Part no.	Article no.
IZM67	2000	85	IZM67S3-F20FH	CAM-92840	IZM67S4-F20FH	CAM-92844
	2500	85	IZM67S3-F25FH	CAM-92841	IZM67S4-F25FH	CAM-92845
	3200	85	IZM67S3-F32FH	CAM-92842	IZM67S4-F32FH	CAM-92846
	4000	85	IZM67S3-F40FH	CAM-92843	IZM67S4-F40FH	CAM-92847
Power mode LSI + ground						
IZM67	2000	85	IZM67S3-FG20FH	CAM-92848	IZM67S4-FG20FH	CAM-92852
	2500	85	IZM67S3-FG25FH	CAM-92849	IZM67S4-FG25FH	CAM-92853
	3200	85	IZM67S3-FG32FH	CAM-92850	IZM67S4-FG32FH	CAM-92854
	4000	85	IZM67S3-FG40FH	CAM-92851	IZM67S4-FG40FH	CAM-92855
Power mode LSI + communication						
IZM67	2000	85	IZM67S3-FC20FH	CAM-92856	IZM67S4-FC20FH	CAM-92860
	2500	85	IZM67S3-FC25FH	CAM-92857	IZM67S4-FC25FH	CAM-92861
	3200	85	IZM67S3-FC32FH	CAM-92858	IZM67S4-FC32FH	CAM-92862
	4000	85	IZM67S3-FC40FH	CAM-92859	IZM67S4-FC40FH	CAM-92863
Power mode LSI + ground + communication						
IZM67	2000	85	IZM67S3-FGC20FH	CAM-92864	IZM67S4-FGC20FH	CAM-92868
	2500	85	IZM67S3-FGC25FH	CAM-92865	IZM67S4-FGC25FH	CAM-92869
	3200	85	IZM67S3-FGC32FH	CAM-92866	IZM67S4-FGC32FH	CAM-92870
	4000	85	IZM67S3-FGC40FH	CAM-92867	IZM67S4-FGC40FH	CAM-92871

IZM6 Series Air Circuit Breakers

Ordering Description

Devices supplied as standard:

Drawout circuit breaker's basic device, cassette, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), door escutcheon, wiring terminal, safety shutter, arc distinguishing cover, and handle.

Switch disconnecter devices supplied as standard, drawout type

Frame	Rated current I_n (A)	Switching Capacity $I_{cw}(1s)$	3P		4P	
			Part no.	Article no.	Part no.	Article no.
IZM65	400	66	IN65N3-04WH	CAM-92112	IN65N4-04WH	CAM-92124
	630	66	IN65N3-06WH	CAM-92113	IN65N4-06WH	CAM-92125
	800	66	IN65N3-08WH	CAM-92114	IN65N4-08WH	CAM-92126
	1000	66	IN65N3-10WH	CAM-92115	IN65N4-10WH	CAM-92127
	1250	66	IN65N3-12WH	CAM-92116	IN65N4-12WH	CAM-92128
	1600	66	IN65N3-16WH	CAM-92117	IN65N4-16WH	CAM-92129
	2000	66	IN65N3-20WH	CAM-92118	IN65N4-20WH	CAM-92130
	2500	66	IN65N3-25WH	CAM-92119	IN65N4-25WH	CAM-92131
IZM67	2000	66	IN67N3-20WH	CAM-92120	IN67N4-20WH	CAM-92132
	2500	66	IN67N3-25WH	CAM-92121	IN67N4-25WH	CAM-92133
	3200	66	IN67N3-32WH	CAM-92122	IN67N4-32WH	CAM-92134
	4000	66	IN67N3-40WH	CAM-92123	IN67N4-40WH	CAM-92135
	2000	85	IN67S3-20WH	CAM-92877	IN67S4-20WH	CAM-92881
	2500	85	IN67S3-25WH	CAM-92878	IN67S4-25WH	CAM-92882
	3200	85	IN67S3-32WH	CAM-92879	IN67S4-32WH	CAM-92883
	4000	85	IN67S3-40WH	CAM-92880	IN67S4-40WH	CAM-92884

Devices supplied as standard:

Fixed circuit breaker's basic device, shunt coil (220V AC), closing coil (220V AC), motor operator (220V AC), auxiliary contact (4NO4NC), door escutcheon, wiring terminal, arc distinguishing cover, and handle.

Switch disconnecter devices supplied as standard, fixed type

Frame	Rated current I_n (A)	Switching Capacity $I_{cw}(1s)$	3P		4P	
			Part no.	Article no.	Part no.	Article no.
IZM65	400	66	IN65N3-04FH	CAM-92136	IN65N4-04FH	CAM-92148
	630	66	IN65N3-06FH	CAM-92137	IN65N4-06FH	CAM-92149
	800	66	IN65N3-08FH	CAM-92138	IN65N4-08FH	CAM-92150
	1000	66	IN65N3-10FH	CAM-92139	IN65N4-10FH	CAM-92151
	1250	66	IN65N3-12FH	CAM-92140	IN65N4-12FH	CAM-92152
	1600	66	IN65N3-16FH	CAM-92141	IN65N4-16FH	CAM-92153
	2000	66	IN65N3-20FH	CAM-92142	IN65N4-20FH	CAM-92154
	2500	66	IN65N3-25FH	CAM-92143	IN65N4-25FH	CAM-92155
IZM67	2000	66	IN67N3-20FH	CAM-92144	IN67N4-20FH	CAM-92156
	2500	66	IN67N3-25FH	CAM-92145	IN67N4-25FH	CAM-92157
	3200	66	IN67N3-32FH	CAM-92146	IN67N4-32FH	CAM-92158
	4000	66	IN67N3-40FH	CAM-92147	IN67N4-40FH	CAM-92159
	2000	85	IN67S3-20FH	CAM-92885	IN67S4-20FH	CAM-92889
	2500	85	IN67S3-25FH	CAM-92886	IN67S4-25FH	CAM-92890
	3200	85	IN67S3-32FH	CAM-92887	IN67S4-32FH	CAM-92891
	4000	85	IN67S3-40FH	CAM-92888	IN67S4-40FH	CAM-92892

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