

# EU Declaration of Conformity

We, Eaton, 1000 Cherrington Parkway, Moon Township, PA 15010, USA

declare under our sole responsibility as the manufacturer of Air Circuit Breakers, that

## Series NRX Type RF / IZMX40 Air Circuit Breaker

*types within the range on page 2*

provided that it is installed, maintained and used in the application intended for, with respect to the relevant manufacturer's instructions, installation standards and "good engineering practices"

complies with the provisions of Union harmonisation legislation:

2014/35/EU

*LVD - Low Voltage Directive*

2014/30/EU

*EMCD - Electromagnetic Compatibility Directive*

2011/65/EU

*ROHS Directive*

based on compliance with European standard(s):

EN60947-1:2007 + A1:2011 + A2:2014

EN60947-2:2017 + A1:2020

EN63000

Moon Township Pennsylvania, 13 March 2023



*Powering Business Worldwide*

Brian E. Carlson  
Vice President, Engineering

# Types within the range

The declaration of conformity applies to the following types within the product family:

Series NRX, Type RF Frame (IZMX40), 3 and 4-Pole, Fixed-Mount and Withdrawable:

RES508, RES50A (IZMX40E_-08_, INX40E_-08_)	RGS508, RGS50A (IZMX40E_-08_-1, INX40E_-08_-1)
RES510, RES51A (IZMX40E_-10_, INX40E_-10_)	RGS510, RGS51A (IZMX40E_-10_-1, INX40E_-10_-1)
RES512, RES51C (IZMX40E_-12_, INX40E_-12_)	RGS513, RGS51C (IZMX40E_-12_-1, INX40E_-12_-1)
RES516, RES51D (IZMX40E_-16_, INX40E_-16_)	RGS516, RGS51D (IZMX40E_-16_-1, INX40E_-16_-1)
RES520, RES52X (IZMX40E_-20_, INX40E_-20_)	RGS520, RGS52X (IZMX40E_-20_-1, INX40E_-20_-1)
RES525, RES52Y (IZMX40E_-25_, INX40E_-25_)	RGS525, RGS52Y (IZMX40E_-25_-1, INX40E_-25_-1)
RES532 (IZMX40E_-32_, INX40E_-32_)	RGS532 (IZMX40E_-32_-1, INX40E_-32_-1)
RES540 (IZMX40E_-40_, INX40E_-40_)	RGS540 (IZMX40E_-40_-1, INX40E_-40_-1)
RES608, RES60A (IZMX40B_-08_, INX40B_-08_)	RGS608, RGS60A (IZMX40B_-08_-1, INX40B_-08_-1)
RES610, RES61A (IZMX40B_-10_, INX40B_-10_)	RGS610, RGS61A (IZMX40B_-10_-1, INX40B_-10_-1)
RES612, RES61C (IZMX40B_-12_, INX40B_-12_)	RGS613, RGS61C (IZMX40B_-12_-1, INX40B_-12_-1)
RES616, RES61D (IZMX40B_-16_, INX40B_-16_)	RGS616, RGS61D (IZMX40B_-16_-1, INX40B_-16_-1)
RES620, RES62X (IZMX40B_-20_, INX40B_-20_)	RGS620, RGS62X (IZMX40B_-20_-1, INX40B_-20_-1)
RES625, RES62Y (IZMX40B_-25_, INX40B_-25_)	RGS625, RGS62Y (IZMX40B_-25_-1, INX40B_-25_-1)
RES632 (IZMX40B_-32_, INX40B_-32_)	RGS632 (IZMX40B_-32_-1, INX40B_-32_-1)
RES640 (IZMX40B_-40_, INX40B_-40_)	RGS640 (IZMX40B_-40_-1, INX40B_-40_-1)
RES808 (IZMX40N_-08_, INX40N_-08_)	RGS808 (IZMX40N_-08_-1, INX40N_-08_-1)
RES810 (IZMX40N_-10_, INX40N_-10_)	RGS810 (IZMX40N_-10_-1, INX40N_-10_-1)
RES812 (IZMX40N_-12_, INX40N_-12_)	RGS813 (IZMX40N_-12_-1, INX40N_-12_-1)
RES816 (IZMX40N_-16_, INX40N_-16_)	RGS816 (IZMX40N_-16_-1, INX40N_-16_-1)
RES820 (IZMX40N_-20_, INX40N_-20_)	RGS820 (IZMX40N_-20_-1, INX40N_-20_-1)
RES825 (IZMX40N_-25_, INX40N_-25_)	RGS825 (IZMX40N_-25_-1, INX40N_-25_-1)
RES832 (IZMX40N_-32_, INX40N_-32_)	RGS832 (IZMX40N_-32_-1, INX40N_-32_-1)
RES840 (IZMX40N_-40_, INX40N_-40_)	RGS840 (IZMX40N_-40_-1, INX40N_-40_-1)
RESC08 (IZMX40H_-08_)	RGSC08 (IZMX40H_-08_-1)
RESC10 (IZMX40H_-10_)	RGSC10 (IZMX40H_-10_-1)
RESC12 (IZMX40H_-12_)	RGSC13 (IZMX40H_-12_-1)
RESC16 (IZMX40H_-16_)	RGSC16 (IZMX40H_-16_-1)
RESC20 (IZMX40H_-20_)	RGSC20 (IZMX40H_-20_-1)
RESC25 (IZMX40H_-25_)	RGSC25 (IZMX40H_-25_-1)
RESC32 (IZMX40H_-32_)	RGSC32 (IZMX40H_-32_-1)
RESC40 (IZMX40H_-40_)	RGSC40 (IZMX40H_-40_-1)



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### Accessories for Series NRX, Type RF Frame (IZMX40):

IZMX-PXRV-1	PXR Trip Unit
IZMX-PXRV-T-1	PXR Trip Unit
IZMX-PXRV-A-1	PXR Trip Unit
IZMX-PXRV-M-1	PXR Trip Unit
IZMX-PXRV-TA-1	PXR Trip Unit
IZMX-PXRV-TM-1	PXR Trip Unit
IZMX-PXRV-AM-1	PXR Trip Unit
IZMX-PXRV-TAM-1	PXR Trip Unit
IZMX-PXRP-1	PXR Trip Unit
IZMX-PXRP-T-1	PXR Trip Unit
IZMX-PXRP-A-1	PXR Trip Unit
IZMX-PXRP-TA-1	PXR Trip Unit
NRXDTPTM (IZMX-DTP-PTM), IZMX-PXR-PTM-1	External Voltage Module
DTAUXPMEU (IZMX-DT-PS), IZMX-DT-PS-1	Power Supply
RFNCTKIT (IZMX-CT40-N), IZMX-CT40-N-1	Current Transformer Neutral, IZMX40
RE203FAB (IZMX-CAS403-2000)	Cassette 2000A
RG203FAB (IZMX-CAS403-2000-SEC-1, IZMX-CAS403-2000-1)	Cassette 2000A
RE253FAB (IZMX-CAS403-2500)	Cassette 2500A
RG253FAB (IZMX-CAS403-2500-SEC-1, IZMX-CAS403-2500-1)	Cassette 2500A
RE323FAB (IZMX-CAS403-3200)	Cassette 3200A
RG323FAB (IZMX-CAS403-3200-SEC-1, IZMX-CAS403-3200-1)	Cassette 3200A
RE403FAB (IZMX-CAS403-4000)	Cassette 4000A
RG403FAB (IZMX-CAS403-4000-SEC-1, IZMX-CAS403-4000-1)	Cassette 4000A
RE204FAB (IZMX-CAS404-2000)	Cassette 2000A
RG204FAB (IZMX-CAS404-2000-SEC-1, IZMX-CAS404-2000-1)	Cassette 2000A
RE254FAB (IZMX-CAS404-2500)	Cassette 2500A
RG254FAB (IZMX-CAS404-2500-SEC-1, IZMX-CAS404-2500-1)	Cassette 2500A
RE324FAB (IZMX-CAS404-3200)	Cassette 3200A
RG324FAB (IZMX-CAS404-3200-SEC-1, IZMX-CAS404-3200-1)	Cassette 3200A
RE404FAB (IZMX-CAS404-4000)	Cassette 4000A
RG404FAB (IZMX-CAS404-4000-SEC-1, IZMX-CAS404-4000-1)	Cassette 4000A
RFSHTR3P (IZMX-SH403), IZMX-SH403-1	Shutter for cassette IZMX403
RFSHTR4P (IZMX-SH404), IZMX-SH404-1	Shutter for cassette IZMX404
IZMX-CS40-1	Cell Switch
RFCSKT1 (IZMX-CS40-L)	Cell Switch
RFCSKT2 (IZMX-CS40-R)	Cell Switch
IZMX-SEC-TB2-W-1	Secondary Terminal Block Kit-8, d/o
IZMX-SEC-TB12-W-1	Secondary Terminal Block Kit-20, d/o
IZMX-SEC-KIT-W16-1	Cassette Terminal Kit
IZMX-SEC-KIT-W40-1	Cassette Terminal Kit



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RFCKLPRONIS (IZMX-KLPC-RONIS-40), IZMX-KLPC-RONIS-40-1	Keylock Safe-OFF,-Cass.RONIS provision
RFCKLPCES (IZMX-KLPC-CES-40), IZMX-KLPC-CES-40-1	Keylock Safe-OFF,-Cass.CES provision
RFCKLPCASTELL (IZMX-KLPC-CASTELL-40), IZMX-KLPC-CASTELL-40-1	Keylock Safe-OFF,-Cass.CASTELL provision
RFCKLPKIRK (IZMX-KLPC-KIRK-40), IZMX-KLPC-KIRK-40-1	Keylock Safe-OFF,-Cass.KIRK provision
IZMX-MIL2C-W40-1	Mechan. interlock type 2 cable, drawout
IZMX-MIL3133C-W40-1	Mechan. interlock type 31 cable, drawout
IZMX-MIL32C-W40-1	Mechan. interlock type 32 cable, drawout
CREJBRKIT (IZMX-CRB), IZMX-CRB-1	Cell rejection bracket kit for cassette
RFDDINT (IZMX-DI40-W), IZMX-DI40-W-1	Door interlock
RDEGK (IZMX-DEG40-W), IZMX-DEG40-W-1	Door escutcheon with gasket IP41, d/o
RFDCKTW (IZMX-DC40-W), IZMX-DC40-W-1	Door cover IP55, d/o
IZMX-IB403-W-1	Phase barrier IZMX403 d/o
IZMX-IB404-W-1	Phase barrier IZMX404 d/o
RFLVIN (IZMX-LT40), IZMX-LT40-1	Levering tool to rack in breaker
RFMO24DC (IZMX-M40-24DC), IZMX-M40-24DC-1	Motor operator 24 VDC
RFMO48DC (IZMX-M40-48DC), IZMX-M40-48DC-1	Motor operator 48 VDC
RFMO60DC (IZMX-M40-60DC), IZMX-M40-60DC-1	Motor operator 60 VDC
RFMO110AD (IZMX-M40-110AD), IZMX-M40-110AD-1	Motor operator 110-125 VAC/DC
RFMO230AD (IZMX-M40-230AD), IZMX-M40-230AD-1	Motor operator 208-240 VAC/DC
STL (IZMX-ST24DC), IZMX-ST24DC-1	Shunt trip 24 VDC
STH (IZMX-ST48DC), IZMX-ST48DC-1	Shunt trip 48 VDC
STS (IZMX-ST60DC), IZMX-ST60DC-1	Shunt trip 60 VDC
STA (IZMX-ST110AD), IZMX-ST110AD-1	Shunt trip 110-125 VAC/DC
STR (IZMX-ST230AD), IZMX-ST230AD-1	Shunt trip 220-240 VAC/DC
SRM (IZMX-SR24DC), IZMX-SR24DC-1	Spring release 24 VDC
SRH (IZMX-SR48DC), IZMX-SR48DC-1	Spring release 48 VDC
SRS (IZMX-SR60DC), IZMX-SR60DC-1	Spring release 60 VDC
SRA (IZMX-SR110AD), IZMX-SR110AD-1	Spring release 110-125 VAC/DC
SRR (IZMX-SR230AD), IZMX-SR230AD-1	Spring release 220-240 VAC/DC
LCS2 (IZMX-LCS), IZMX-LCS-1	Latch check switch
LCS1 (IZMX-LCS-SR), IZMX-LCS-SR-1	Latch check switch, wired to SR
UURL (IZMX-UVR24DC), IZMX-UVR24DC-1	Undervoltage release 24 VDC
UVRH (IZMX-UVR48DC), IZMX-UVR48DC-1	Undervoltage release 48 VDC
UVRS (IZMX-UVR60DC), IZMX-UVR60DC-1	Undervoltage release 60 VDC
UVRA (IZMX-UVR110AD), IZMX-UVR110AD-1	Undervoltage release 110-125 VAC/DC
UVRB (IZMX-UVR220AD), IZMX-UVR230AD-1	Undervoltage release 220-240 VAC/DC
IZMX-UVR-TD-120AC63-1	UVR time delay module 120 VAC
IZMX-UVR-TD-230AC63-1	UVR time delay module 230 VAC
IZMX-AS22-1	ON-OFF, Auxiliary switch, 2a/2b
IZMX-AS44-1	ON-OFF Auxiliary switch, 4a/4b



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IZMX-AS66-1	ON-OFF Auxiliary switch, 6a/6b
IZMX-AS88-1	ON-OFF Auxiliary switch, 8a/8b
IZMX-AS1010-1	ON-OFF Auxiliary switch, 10a/10b
NRXAUXKT2 (IZMX-AS22-40), IZMX-AS22-40-1	ON-OFF, Auxiliary switch, 2a/2b
IZMX-OTS-1	Overcurrent trip switch
RFBAOTS (IZMX-OTS40), IZMX-OTS40-1	Overcurrent trip switch
IZMX-RA-1	Mechanical Trip Indicator, Reset, Automatic
RFMTKIT (IZMX-RA40), IZMX-RA40-1	Mechanical Trip Indicator, Reset, Automatic
RFIMTKIT (IZMX-TI40), IZMX-TI40-1	Mechanical Trip Indicator, interlocked
RFRR24DC (IZMX-RR24DC-40), IZMX-RR24DC-40-1	Mechanical Trip Indicator, Reset remote 24 VDC
RFRR110AD (IZMX-RR110AD-40), IZMX-RR110AD-40-1	Mechanical Trip Indicator, Reset remote 110-125 VAC/DC
RFRR230AD (IZMX-RR230AD-40), IZMX-RR230AD-40-1	Mechanical Trip Indicator, Reset remote 220-240 VAC/DC
RFRR48DC (IZMX-RR48DC-40)	Mechanical Trip Indicator, Reset remote 48VDC
RFRR60DC (IZMX-RR60DC-40)	Mechanical Trip Indicator, Reset remote 60VDC
IZMX-OC-1	Operations counter
RCOUNTERKIT (IZMX-OC40), IZMX-OC40-1	Operations counter
IZMX-PLPC-P-1	Padlockable pushbutton cover
RPLPBCP (IZMX-PLPC40-P), IZMX-PLPC40-P-1	Padlockable pushbutton cover
IZMX-PLPC-M-1	Padlockable pushbutton cover
RPLPBCM (IZMX-PLPC40-M), IZMX-PLPC40-M-1	Padlockable pushbutton cover
IZMX-PLPC-M-OFF-1	Padlockable pushbutton cover, OFF
RPLPBMOFF (IZMX-PLPC40-M-OFF), IZMX-PLPC40-M-OFF-1	Padlockable pushbutton cover, OFF
NRONISKIT (IZMX-KLP-SO-RONIS), IZMX-KLP-SO-RONIS-1	Keylock Safe-OFF, RONIS provision
NCESKIT (IZMX-KLP-SO-CES), IZMX-KLP-SO-CES-1	Keylock Safe-OFF, CES provision
NCASTELLKIT (IZMX-KLP-SO-CASTELL), IZMX-KLP-SO-CASTELL-1	Keylock Safe-OFF, CASTELL provision
NKIRKKIT (IZMX-KLP-SO-KIRK), IZMX-KLP-SO-KIRK-1	Keylock Safe-OFF, KIRK provision
IZMX-MIL2C-F40-1	Mechan. interlock type 2 cable, fixed
IZMX-MIL3133C-F40-1	Mechan. interlock type 31 cable, fixed
IZMX-MIL32C-F40-1	Mechan. interlock type 32 cable, fixed
IZMX-MIL-CAB1520-1	Cable kit 1520mm for mechan. Interlock
IZMX-MIL-CAB1830-1	Cable kit 1830mm for mechan. Interlock
IZMX-MIL-CAB2440-1	Cable kit 2440mm for mechan. Interlock
IZMX-MIL-CAB3050-1	Cable kit 3050mm for mechan. Interlock
RFEGK (IZMX-DEG40-F), IZMX-DEG40-F-1	Door escutcheon with gasket IP41, fixed
RFDCCKTF (IZMX-DC40-F), IZMX-DC40-F-1	Door cover IP55, fixed
RFADP3PU32 (IZMX-THV403-3200), IZMX-THV403--1	Rear Connect 3p, horiz./vertical, 3200A
RFADP3PH40 (IZMX-TH403), IZMX-TH403-4000-1	Rear Connect 3p, horizontal
RFADP3PV40 (IZMX-TV403), IZMX-TV403-4000-1	Rear Connect 3p, vertical
RFADP4PU32 (IZMX-THV404-3200), IZMX-THV404-1	Rear Connect 4p, horiz./vertical, 3200A
RFADP4PH40 (IZMX-TH404), IZMX-TH404-4000-1	Rear Connect 4p, horizontal

RFADP4PV40 (IZMX-TV404), IZMX-TV404-4000-1

IZMX-TF403-1600F-1

IZMX-TF403-2500F-1

IZMX-TF403-3200F-1

IZMX-TF404-1600F-1

IZMX-TF404-2500F-1

IZMX-TF404-3200F-1

IZMX-TF403-1600W-1

IZMX-TF403-2500W-1

IZMX-TF403-3200W-1

IZMX-TF404-1600W-1

IZMX-TF404-2500W-1

IZMX-TF404-3200W-1

IZMX-SEC-TB2-F-1

IZMX-SEC-TB12-F-1

IZMX-SEC-TB30-F-1

IZMX-IB403-F-1

IZMX-IB404-F-1

IZMX-LH40-1

IZMX-DI400N-RW-1

IZMX-DI400N-LW-1

IZMX-T76T

IZMX-T100T

IZMX-T100L

IZMX-T118L

IZMX-T128L

FSBK08 (IZMX-SEC-TB8-F)

FSBK20 (IZMX-SEC-TB20-F)

FSBK30 (IZMX-SEC-TB30-F)

DSBK08 (IZMX-SEC-TB8-W)

DSBK20 (IZMX-SEC-TB20-W)

DSBK30 (IZMX-SEC-TB30-W)

RFMI2F (IZMX-MIL2C-F40)

RFMI2D (IZMX-MIL2C-W40)

RFMI31F (IZMX-MIL31C-F40)

RFMI32F (IZMX-MIL32C-F40)

RFMI33F (IZMX-MIL33C-F40)

RFMI31D (IZMX-MIL31C-W40)

RFMI32D (IZMX-MIL32C-W40)

RFMI33D (IZMX-MIL33C-W40)

Rear Connect 4p, vertical

Con.front 1600A,IZMX40, 3p.Fixed mounted

Con.front 2500A,IZMX40, 3p.Fixed mounted

Con.front 3200A,IZMX40, 3p.Fixed mounted

Con.front 1600A,IZMX40, 4p.Fixed mounted

Con.front 2500A,IZMX40, 4p.Fixed mounted

Con.front 3200A,IZMX40, 4p.Fixed mounted

Con.front 1600A IZMX40,3p.Withdraw.units

Con.front 2500A,IZMX40,3p.Withdraw.units

Con.front 3200A,IZMX40,3p.Withdraw.units

Con.front 1600A,IZMX40,4p.Withdraw.units

Con.front 2500A,IZMX40,4p.Withdraw.units

Con.front 3200A,IZMX40,4p.Withdraw.units

Secondary Terminal Block Kit-8, fixed

Secondary Terminal Block Kit-20, fixed

Secondary Terminal Block Kit-30, fixed

Phase barrier IZMX403 fix

Phase barrier IZMX404 fix

Lifting yoke for IZMX40

Door interlock in ON, X40, right, drawout

Door interlock in ON, X40, left, drawout

Connection 3200A, horizontal/vertical

Connection 4000A, horizontal, 3p, middle

Connection 4000A, horizontal, 4p, inside

Connection 4000A,vert. or hor,3p, outs.

Connection 4000A,horizontal, 4p, outside

Digitrip term blocks

Digitrip term blocks

Digitrip term blocks

Digitrip term blocks

Digitrip term blocks

Digitrip term blocks

Mechanical Interlock

Mechanical Interlock

Mechanical Interlock

Mechanical Interlock

Mechanical Interlock

Mechanical Interlock

Mechanical Interlock

Mechanical Interlock

NRXMIC5 (IZMX-MIL-CAB1520)	Mechanical Interlock
NRXMIC6 (IZMX-MIL-CAB1830)	Mechanical Interlock
NRXMIC8 (IZMX-MIL-CAB2440)	Mechanical Interlock
NRXMIC10 (IZMX-MIL-CAB3050)	Mechanical Interlock
IZMX-MIL-CABNONE-1	Interlock Cable Hardware Kit
N5LI (IZMX-DTA)	Digitrip Trip Unit
N5LSI (IZMX-DTV)	Digitrip Trip Unit
N5LSIG (IZMX-DTV-G)	Digitrip Trip Unit
N5MLSI (IZMX-DTU)	Digitrip Trip Unit
N5MLSIG (IZMX-DTU-G)	Digitrip Trip Unit
N5MLSIA (IZMX-DTU-A)	Digitrip Trip Unit
N5RMLSI (IZMX-DTU-M)	Digitrip Trip Unit
N5RMLSIG (IZMX-DTU-GM)	Digitrip Trip Unit
N5RMLSIA (IZMX-DTU-AM)	Digitrip Trip Unit
N11LSI (IZMX-DTP)	Digitrip Trip Unit
N11LSIG (IZMX-DTP-G)	Digitrip Trip Unit
N11RLSI (IZMX-DTP-M)	Digitrip Trip Unit
N11RLSIG (IZMX-DTP-GM)	Digitrip Trip Unit
ECAM (IZMX-ECAM), IZMX-ECAM-1	Communication Module
MCAM (IZMX-MCAM), IZMX-MCAM-1	Communication Module
PCAM (IZMX-PCAM), IZMX-PCAM-1	Communication Module
ICAM (IZMX-ICAM), IZMX-ICAM-1	Communication Module
IZMX-CAM-CAB-1	Communication Cable
NFGFSKIT (IZMX-CT-NGS), IZMX-CT-NGS-1	Ground Source/Zero Sequence Sensor
MTST230V (IZM-TEST-KIT)	Digitrip test kit
RD800T (IZMX-RP40D-800)	Digitrip Rating Plug
RD1000T (IZMX-RP40D-1000)	Digitrip Rating Plug
RE800T (IZMX-RP40E-800)	Digitrip Rating Plug
RE1000T (IZMX-RP40E-1000)	Digitrip Rating Plug
RE1250T (IZMX-RP40E-1250)	Digitrip Rating Plug
RE1600T (IZMX-RP40E-1600)	Digitrip Rating Plug
RF1250T (IZMX-RP40F-1250)	Digitrip Rating Plug
RF1600T (IZMX-RP40F-1600)	Digitrip Rating Plug
RF2000T (IZMX-RP40F-2000)	Digitrip Rating Plug
RF2500T (IZMX-RP40F-2500)	Digitrip Rating Plug
RG1250T (IZMX-RP40G-1250)	Digitrip Rating Plug
RG1600T (IZMX-RP40G-1600)	Digitrip Rating Plug
RG2000T (IZMX-RP40G-2000)	Digitrip Rating Plug
RG2500T (IZMX-RP40G-2500)	Digitrip Rating Plug
RG3200T (IZMX-RP40G-3200)	Digitrip Rating Plug



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