Coordination tables

Back-up: MCCB / MCB

Upstream: NZM...1

Downstream: AZ

B, C, D characteristics

Upstream		NZMB1 U_e = 230 / 400 V	NZMC1 U_e = 230 / 400 V
Downstream	I_n [A]	Type B, C, D	Type B, C, D
all types with Characteristic B, C, D	20	25 kA	36 kA
	25		
	32		
	40		
	50		
	63		
	80		
	100		
	125		

Upstream		NZMN1 U_e = 230 / 400 V	NZMH1 U_e = 230 / 400 V
Downstream	I_n [A]	Type B, C, D	Type B, C, D
all types with Characteristic B, C, D	20	50 kA	80 kA
	25		
	32		
	40		
	50		
	63		
	80		
	100		
	125		

Back-up

Coordination tables

Back-up: MCCB / MCB

Upstream: NZM...1

Downstream: PLHT, mMCT

B, C, D characteristics

Upstream		NZMB1 U_e = 230 / 400 V	NZMC1 U_e = 230 / 400 V
Downstream	I_n [A]	Type B, C, D	Type B, C, D
all types with Characteristic B, C, D	20	25 kA	36 kA
	25		
	32		
	40		
	50		
	63		
	80		
	100		
	125		

Upstream		NZMN1 U_e = 230 / 400 V	NZMH1 U_e = 230 / 400 V
Downstream	I_n [A]	Type B, C, D	Type B, C, D
all types with Characteristic B, C, D	20	50 kA	80 kA
	25		
	32		
	40		
	50		
	63		
	80		
	100		
	125		

Back-up: MCCB / MCB

Upstream: NZM...2
Downstream: AZ

B, C, D characteristics

	Upstream	NZMB2 U_e = 230 / 400 V	NZMC2 U_e = 230 / 400 V
Downstream	I_n [A]	Type B, C, D	Type B, C, D
all types with Characteristic B, C, D	20	25 kA	36 kA
	25		
	32		
	40		
	50		
	63		
	80		
	100		
	125		

	Upstream	NZMN2 U_e = 230 / 400 V	NZMH2 U_e = 230 / 400 V
Downstream	I_n [A]	Type B, C, D	Type B, C, D
all types with Characteristic B, C, D	20	50 kA	65 kA
	25		
	32		
	40		
	50		
	63		
	80		
	100		
	125		

Coordination tables

Back-up: MCCB / MCB

Upstream: **NZM...2**

Downstream: **PLHT, mMCT**

B, C, D characteristics

	Upstream	**NZMB2** U_e = 230 / 400 V	**NZMC2** U_e = 230 / 400 V
Downstream	I_n [A]	Type B, C, D	Type B, C, D
all types with Characteristic B, C, D	20	25 kA	36 kA
	25		
	32		
	40		
	50		
	63		
	80		
	100		
	125		

	Upstream	**NZMN2** U_e = 230 / 400 V	**NZMH2** U_e = 230 / 400 V
Downstream	I_n [A]	Type B, C, D	Type B, C, D
all types with Characteristic B, C, D	20	50 kA	65 kA
	25		
	32		
	40		
	50		
	63		
	80		
	100		
	125		

Back-up

Back-up: MCCB / MCB

Upstream: NZM...1

Downstream: FAZT

B, C characteristics

Downstream	Upstream I_n [A]	NZMB(C)(N)(H)1 U_e = 230/400 V Type B, C	NZMB(C)(N)(H)1 U_e = 240/415 V Type B, C
all types with Characteristic B, C	1	25 kA	25 kA
	1,5		
	1,6		
	2		
	2,5		
	3		
	3,5		
	4		
	5		
	6		
	7		
	8		
	10		
	12		
	13		
	15		
	16		
	20	20 kA	20 kA
	25		

Back-up: MCCB / MCB

Upstream: **NZM...2**

Downstream: **FAZT**

B, C characteristics

	Upstream	**NZMB(C)2** U_e = 230/400 V	**NZMN(H)2** U_e = 230/400 V	**NZMB(C)2** U_e = 240/415 V	**NZMN(H)2** U_e = 240/415 V
Downstream	I_n [A]	Type B, C	Type B, C	Type B, C	Type B, C
all types with Characteristic B, C	1	25 kA	50 kA	25 kA	50 kA
	1,5				
	1,6				
	2				
	2,5				
	3				
	3,5				
	4				
	5				
	6				
	7				
	8				
	10				
	12				
	13				
	15	20 kA	30 kA	20 kA	30 kA
	16				
	20				
	25				

Back-up

Coordination tables

Back-up: MCCB / MCB

Upstream: NZM...1

Downstream: FAZ

B, C, D characteristics

	Upstream	NZMB(C)(N)(H)1 U_e = 230/400 V		NZMB(C)(N)(H)1 U_e = 240/415 V		
Downstream	I_n [A]	Type B, C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	0,16	25 kA	25 kA	-	25 kA	-
	0,25					
	0,5					25 kA
	0,75					-
	1			25 kA		
	1,5					
	1,6					
	2					
	2,5					
	3					
	3,5					
	4					
	5					
	6					
	7					
	8					
	10					
	12					
	13					
	15					
	16					
	20	20 kA	15 kA	20 kA		15 kA
	25					
	30					
	32					
	40					
	50	15 kA		15 kA		
	63					

Back-up

Back-up: MCCB / MCB

Upstream: NZM...1

Downstream: FAZ

K characteristic

	Upstream	NZMB(C)(N)(H)1 U_e = 230/400 V	NZMB(C)(N)(H)1 U_e = 240/415 V
Downstream	I_n [A]	Type K	Type K
all types with Characteristic K	0,5	25 kA	25 kA
	1		
	1,6		
	2		
	3		
	4		
	6		
	8		
	10		
	13		
	16		
	20		
	25		
	32	20 kA	20 kA
	40		
	50	15 kA	15 kA
	63		

Back-up

Coordination tables

Back-up: MCCB / MCB

Upstream: NZM...2

Downstream: FAZ

B, C, D characteristics

	Upstream	NZMB(C)2 U_e = 230/400 V		NZMB(C)2 U_e = 240/415 V			NZMB(C)2 U_e = 133/230 V
Downstream	I_n [A]	Type B, C	Type D	Type B	Type C	Type D	Type B, C
all types with Characteristic B, C, D	0,16	25 kA	25 kA	-	20 kA	-	30 kA
	0,25					25 kA	
	0,5					-	
	0,75					25 kA	
	1						
	1,5						
	1,6						
	2						
	2,5						
	3						
	3,5						
	4						
	5						25 kA
	6						
	7						
	8						
	10						
	12	20 kA	15 kA	15 kA		15 kA	
	13						
	15						
	16						
	20						
	25						
	30						
	32						
	40	15 kA	10 kA	15 kA		10 kA	20 kA
	50						
	63						

Back-up

Coordination tables

	Upstream	NZMN(H)2 U_e = 230/400 V		NZMN(H)2 U_e = 240/415 V			NZMN(H)2 U_e = 133/230 V
Downstream	I_n [A]	Type B, C	Type D	Type B	Type C	Type D	Type B, C
all types with Characteristic B, C, D	0,16	50 kA	25 kA	-	25 kA	-	85 kA
	0,25					25 kA	
	0,5					-	
	0,75			25 kA			
	1						
	1,5						
	1,6						
	2						
	2,5						
	3						
	3,5						
	4						
	5						80 kA
	6						
	7						
	8						
	10						
	12	30 kA					60 kA
	13						
	15						
	16						
	20						
	25		20 kA	20 kA		20 kA	
	30		15 kA			15 kA	
	32						
	40	20 kA		15 kA			40 kA
	50		10 kA			10 kA	
	63						

Back-up

Coordination tables

Back-up: MCCB / MCB

Upstream: NZM...2

Downstream: FAZ K characteristic

Downstream	I_n [A]	Upstream: NZMB(C)2 U_e = 230/400 V	NZMB(C)2 U_e = 240/415 V	NZMN(H)2 U_e = 230/400 V	NZMN(H)2 U_e = 240/415 V
		Type K	Type K	Type K	Type K
all types with Characteristic K	0,5	20 kA	20 kA	25 kA	25 kA
	1				
	1,6				
	2				
	3				
	4				
	6				
	8				
	10				
	13				
	16				
	20				
	25			20 kA	20 kA
	32				
	40			15 kA	15 kA
	50	15 kA	15 kA	10 kA	10 kA
	63				

Back-up

Back-up: MCCB / MCB

Upstream: NZM...1

Downstream: PLSM, PL7, mMCM, PXL, PLZM, EM B, C, D characteristics

	Upstream	NZMB(C)(N)(H)1 U_e = 230/400 V	
Downstream	I_n [A]	Type B, C	Type D
all types with Characteristic B, C, D	0,16	25 kA	25 kA
	0,25		
	0,5		
	0,75		
	1		
	1,5		
	2		
	2,5		
	3		
	3,5		
	4		
	5		
	6		
	8		
	10		
	12		
	13		
	15		
	16		
	20	20 kA	
	25		
	32		15 kA
	40		
	50	15 kA	
	63		

Back-up: MCCB / MCB

Upstream: NZM...2

Downstream: PLSM, PL7, mMCM, PXL, PLZM, EM B, C, D characteristics

	Upstream	NZMB(C)2 U_e = 230/400 V		NZMN(H)2 U_e = 230/400 V	
Downstream	I_n [A]	**Type B, C**	**Type D**	Type B, C	Type D
all types with Characteristic B, C, D	0,16	25 kA	25 kA	50 kA	25 kA
	0,25				
	0,5				
	0,75				
	1				
	1,5				
	2				
	2,5				
	3				
	3,5				
	4				
	5				
	6				
	8				
	10				
	12	20 kA		30 kA	
	13				
	15				
	16				
	20				
	25		15 kA		20 kA
	32				15 kA
	40	15 kA		20 kA	
	50		10 kA		10 kA
	63				

Back-up

Coordination tables

Back-up: MCCB / MCB

Upstream: LZM...1, LZM...2

Downstream: AZ

B, C, D characteristics

	Upstream	LZMB1 U_e = 230 / 400 V	LZMC1 U_e = 230 / 400 V
Downstream	I_n [A]	Type B, C, D	Type B, C, D
all types with Characteristic B, C, D	20	25 kA	36 kA
	25		
	32		
	40		
	50		
	63		
	80		
	100		
	125		

	Upstream	LZMN1 U_e = 230 / 400 V
Downstream	I_n [A]	Type B, C, D
all types with Characteristic B, C, D	20	50 kA
	25	
	32	
	40	
	50	
	63	
	80	
	100	
	125	

Back-up

Back-up: MCCB / MCB

Upstream: **LZM...1, LZM...2**

Downstream: **PLHT, mMCT** **B, C, D characteristics**

	Upstream	**LZMB1** U_e = 230 / 400 V	**LZMC1** U_e = 230 / 400 V
Downstream	I_n [A]	Type B, C, D	Type B, C, D
all types with Characteristic B, C, D	20	25 kA	36 kA
	25		
	32		
	40		
	50		
	63		
	80		
	100		
	125		

	Upstream	**LZMN1** U_e = 230 / 400 V
Downstream	I_n [A]	Type B, C, D
all types with Characteristic B, C, D	20	50 kA
	25	
	32	
	40	
	50	
	63	
	80	
	100	
	125	

Back-up: MCCB / MCB

Upstream: **LZM...1**

Downstream: **FAZT**

B, C characteristics

	Upstream	**LZMB(C)(N)1** U_e = 230/400 V	**LZMB(C)(N)1** U_e = 240/415 V
Downstream	I_n [A]	Type B, C	Type B, C
all types with Characteristic B, C	1	25 kA	25 kA
	1,5		
	1,6		
	2		
	2,5		
	3		
	3,5		
	4		
	5		
	6		
	7		
	8		
	10		
	12		
	13		
	15		
	16		
	20	20 kA	20 kA
	25		

Back-up: MCCB / MCB

Upstream: LZM...2
Downstream: FAZT

B, C characteristics

Downstream	Upstream I_n [A]	LZMB(C)2 U_e = 230/400 V	LZMN2 U_e = 230/400 V	LZMB(C)2 U_e = 240/415 V	LZMN2 U_e = 240/415 V
		Type B, C	Type B, C	Type B, C	Type B, C
all types with Characteristic B, C	1	25 kA	50 kA	25 kA	50 kA
	1,5				
	1,6				
	2				
	2,5				
	3				
	3,5				
	4				
	5				
	6				
	7				
	8				
	10				
	12				
	13				
	15	20 kA	30 kA	20 kA	30 kA
	16				
	20				
	25				

Back-up

Back-up: MCCB / MCB

Upstream: LZM...1

Downstream: FAZ

B, C, D characteristics

Downstream	I_n [A]	Upstream: LZMB(C)(N)1 U_e = 230/400 V		Upstream: LZMB(C)(N)1 U_e = 240/415 V		
		Type B, C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	0,16	25 kA	25 kA	-	25 kA	-
	0,25					
	0,5					25 kA
	0,75					-
	1			25 kA		
	1,5					
	1,6					
	2					
	2,5					
	3					
	3,5					
	4					
	5					
	6					
	7					
	8					
	10					
	12					
	13					
	15					
	16					
	20	20 kA	15 kA	20 kA		15 kA
	25					
	30					
	32					
	40					
	50	15 kA		15 kA		
	63					

Back-up: MCCB / MCB

Upstream: LZM...1

Downstream: FAZ

K characteristic

	Upstream	LZMB(C)(N)1 U_e = 230/400 V	LZMB(C)(N)1 U_e = 240/415 V
Downstream	I_n [A]	Type K	Type K
all types with Characteristic K	0,5	25 kA	25 kA
	1		
	1,6		
	2		
	3		
	4		
	6		
	8		
	10		
	13		
	16		
	20		
	25		
	32	20 kA	20 kA
	40		
	50	15 kA	15 kA
	63		

Back-up

Coordination tables

Back-up: MCCB / MCB

Upstream: LZM...2

Downstream: FAZ

B, C, D characteristics

Downstream	I_n [A]	Upstream: LZMB(C)2 U_e = 230/400 V		Upstream: LZMB(C)2 U_e = 240/415 V			Upstream: LZMB(C)2 U_e = 133/230 V
		Type B, C	Type D	Type B	Type C	Type D	Type B, C
all types with Characteristic B, C, D	0,16	25 kA	25 kA	-	20 kA	-	30 kA
	0,25					25 kA	
	0,5					-	
	0,75					25 kA	
	1						
	1,5						
	1,6						
	2						
	2,5						
	3						
	3,5						
	4						
	5						25 kA
	6						
	7						
	8						
	10						
	12	20 kA	15 kA	15 kA		15 kA	
	13						
	15						
	16						
	20						
	25						
	30						
	32						
	40	15 kA	10 kA	15 kA		10 kA	20 kA
	50						
	63						

Back-up

Coordination tables

	Upstream	LZMN2 U_e = 230/400 V		LZMN2 U_e = 240/415 V			LZMN2 U_e = 133/230 V
Downstream	I_n [A]	Type B, C	Type D	Type B	Type C	Type D	Type B, C
all types with Characteristic B, C, D	0,16	50 kA	25 kA	-	25 kA	-	30 kA
	0,25						
	0,5					25 kA	
	75					-	
	1			25 kA			
	1,5						
	1,6						
	2						
	2,5						
	3						
	3,5						
	4						
	5						25 kA
	6						
	7						
	8						
	10						
	12	30 kA					
	13						
	15						
	16						
	20						
	25		20 kA	20 kA		20 kA	
	30		15 kA			15 kA	
	32						
	40	20 kA		15 kA			20 kA
	50		10 kA			10 kA	
	63						

Back-up: MCCB / MCB

Upstream: **LZM...2**

Downstream: **FAZ**

K characteristic

	Upstream	**LZMB(C)2** U_e = 230/400 V	**LZMB(C)2** U_e = 240/415 V	**LZMN2** U_e = 230/400 V	**LZMN2** U_e = 240/415 V
Downstream	I_n [A]	Type K	Type K	Type K	Type K
all types with Characteristic K	0,5	20 kA	20 kA	25 kA	25 kA
	1				
	1,6				
	2				
	3				
	4				
	6				
	8				
	10				
	13				
	16				
	20				
	25			20 kA	20 kA
	32				
	40			15 kA	15 kA
	50	15 kA	15 kA	10 kA	10 kA
	63				

Back-up

Back-up: MCCB / MCB

Upstream: LZM...1

Downstream: PLSM, PL7, mMCM, PXL, PLZM, EM B, C, D characteristics

	Upstream	LZMB(C)(N)1 U_e = 230/400 V	
Downstream	I_n [A]	Type B, C	Type D
all types with Characteristic B, C, D	0,16	25 kA	25 kA
	0,25		
	0,5		
	0,75		
	1		
	1,5		
	2		
	2,5		
	3		
	3,5		
	4		
	5		
	6		
	8		
	10		
	12		
	13		
	15		
	16		
	20	20 kA	
	25		
	32		15 kA
	40		
	50	15 kA	
	63		

Coordination tables

Back-up: MCCB / RCBO

Upstream: NZM...1
Downstream: FRBdM, dRBM

B, C, D characteristics

Upstream		NZMB1 U_e = 240 V (230 V)			NZMC1 U_e = 240 V (230 V)		
Downstream	I_n [A]	Type B	Type C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	25 kA	25 kA	-	36 kA	36 kA
	10	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	13	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	16	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	20	-	20 kA	20 kA	-	20 kA	20 kA
	25	-	20 kA	20 kA	-	20 kA	20 kA

Upstream		NZMN1 U_e = 240 V (230 V)			NZMH1 U_e = 240 V (230 V)		
Downstream	I_n [A]	Type B	Type C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	40 kA	40 kA	-	40 kA	40 kA
	10	40 kA	40 kA	40 kA	40 kA	40 kA	40 kA
	13	40 kA	40 kA	40 kA	40 kA	40 kA	40 kA
	16	40 kA	40 kA	40 kA	40 kA	40 kA	40 kA
	20	-	20 kA	20 kA	-	20 kA	20 kA
	25	-	20 kA	20 kA	-	20 kA	20 kA

Back-up: MCCB / RCBO

Upstream: NZM...2
Downstream: FRBdM, dRBM

B, C, D characteristics

Upstream		NZMB2 U_e = 240 V (230 V)			NZMC2 U_e = 240 V (230 V)		
Downstream	I_n [A]	Type B	Type C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	25 kA	25 kA	-	36 kA	36 kA
	10	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	13	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	16	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA
	20	-	20 kA	20 kA	-	20 kA	20 kA
	25	-	10 kA	10 kA	-	10 kA	10 kA

Upstream		NZMN2 U_e = 240 V (230 V)			NZMH2 U_e = 240 V (230 V)		
Downstream	I_n [A]	Type B	Type C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	40 kA	40 kA	-	40 kA	40 kA
	10	40 kA	40 kA	40 kA	40 kA	40 kA	40 kA
	13	40 kA	40 kA	40 kA	40 kA	40 kA	40 kA
	16	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA
	20	-	15 kA	15 kA	-	15 kA	15 kA
	25	-	10 kA	10 kA	-	10 kA	10 kA

Back-up: MCCB / RCBO

Upstream: NZM...1
Downstream: FRBmM

B, C characteristics

Upstream		NZMB1 U_e = 230 V	NZMC(N)(H)1 U_e = 230 V
Downstream	I_n [A]	Type B, C	Type B, C
all types with Characteristic B, C	2	25 kA	35 kA
	4		
	6		
	10		
	13		
	16		
	20		
	25		
	32		
	40		

Back-up: MCCB / RCBO

Upstream: NZM...2
Downstream: FRBmM

B, C characteristics

Upstream		NZMB2 U_e = 230 V	NZMC2 U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C, D	2	25 kA	36 kA
	4		
	6		
	10		
	13		
	16		
	20		
	25		30 kA
	32		
	40		

Upstream		NZMN(H)2 U_e = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C, D	2	50 kA
	4	
	6	
	10	
	13	
	16	
	20	
	25	30 kA
	32	
	40	

Back-up: MCCB / RCBO

Upstream: NZM...1
Downstream: FRBm6

B, C characteristics

Upstream		NZMB1 U_e = 230 V	NZMC(N)(H)1 U_e = 230 V
Downstream	I_n [A]	Type B, C	Type B, C
all types with Characteristic B, C	2	20 kA	30 kA
	4		
	6		
	10		
	13		
	16		
	20		
	25		
	32		
	40		

Back-up: MCCB / RCBO

Upstream: NZM...2
Downstream: FRBm6

B, C characteristics

Upstream		NZMB2 U_e = 230 V	NZMC2 U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C, D	2	20 kA	30 kA
	4		
	6		
	10		
	13		
	16		
	20		
	25		
	32		25 kA
	40		

Upstream		NZMN(H)2 U_e = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C, D	2	35 kA
	4	
	6	
	10	
	13	
	16	
	20	
	25	25 kA
	32	
	40	

Back-up: MCCB / RCBO

Upstream: NZM...1
Downstream: PKNM-1N, PXK, PFL7, mRBM — B, C characteristics

Downstream	I_n [A]	Upstream: NZMB1 U_e = 230 V	Upstream: NZMC(N)(H)1 U_e = 230 V
		Type B, C	Type B, C
all types with Characteristic B, C	2	25 kA	35 kA
	4		
	6		
	10		
	13		
	16		
	20		
	25		
	32		
	40		

Back-up: MCCB / RCBO

Upstream: NZM...2
Downstream: PKNM-1N, PXK, PFL7, mRBM — B, C characteristics

Downstream	I_n [A]	Upstream: NZMB2 U_e = 230 V	Upstream: NZMC2 U_e = 230 V
all types with Characteristic B, C, D	2	25 kA	36 kA
	4		
	6		
	10		
	13		
	16		
	20		
	25		30 kA
	32		
	40		

Downstream	I_n [A]	Upstream: NZMN(H)2 U_e = 230 V
all types with Characteristic B, C, D	2	50 kA
	4	
	6	
	10	
	13	
	16	
	20	
	25	30 kA
	32	
	40	

Back-up: MCCB / RCBO

Upstream: NZM...1
Downstream: FRBmM-2

B, C characteristics

Upstream		NZMB1 IT-System U_e = 230 V	NZMC1 IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	20 kA	20 kA
	13		
	16		
	20	15 kA	

Upstream		NZMN1 IT-System U_e = 230 V	NZMH1 IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	25 kA	30 kA
	13		
	16		
	20	20 kA	20 kA

Back-up: MCCB / RCBO

Upstream: NZM...1
Downstream: FRBm6-2

B, C characteristics

Upstream		NZMB1-A IT-System U_e = 230 V	NZMC1-A IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	15 kA	15 kA
	13		
	16		
	20	10 kA	
	25		
	32		
	40		

Upstream		NZMN1-A IT-System U_e = 230 V	NZMH1-A IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	20 kA	25 kA
	13		
	16		
	20	15 kA	15 kA
	25		
	32		
	40		

Back-up: MCCB / RCBO

Upstream: NZM...2
Downstream: FRBmM-2

B, C, D characteristics

Upstream		NZMB2 IT-System U_e = 230 V	NZMC2 IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	25 kA	36 kA
	13		
	16		
	20		

Upstream		NZMN2 IT-System U_e = 230 V	NZMH2 IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	40 kA	40 kA
	13		
	16		
	20		

Back-up: MCCB / RCBO

Upstream: NZM...2
Downstream: FRBm6-2

B, C, D characteristics

Upstream		NZMB2-A IT-System U_e = 230 V	NZMC2-A IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	20 kA	25 kA
	13		
	16		
	20	15 kA	20 kA
	25		
	32		
	40	10 kA	10 kA

Upstream		NZMN2-A IT-System U_e = 230 V	NZMH2-A IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	30 kA	30 kA
	13		
	16		
	20	20 kA	25 kA
	25		
	32		
	40	10 kA	10 kA

Back-up: MCCB / RCBO

Upstream: NZM...1
Downstream: PKPM2

B, C characteristics

Upstream		NZMB1 IT-System U_e = 230 V	NZMC1 IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	20 kA	20 kA
	13		
	16		
	20	15 kA	

Upstream		NZMN1 IT-System U_e = 230 V	NZMH1 IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	25 kA	30 kA
	13		
	16		
	20	20 kA	20 kA

Back-up: MCCB / RCBO

Upstream: NZM...1
Downstream: PKP62

B, C characteristics

Upstream		NZMB1-A IT-System U_e = 230 V	NZMC1-A IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	15 kA	15 kA
	13		
	16		
	20	10 kA	
	25		
	32		
	40		

Upstream		NZMN1-A IT-System U_e = 230 V	NZMH1-A IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	20 kA	25 kA
	13		
	16		
	20	15 kA	15 kA
	25		
	32		
	40		

Back-up: MCCB / RCBO

Upstream: NZM...2
Downstream: PKPM2

B, C, D characteristics

Downstream	I_n [A]	Upstream: NZMB2 IT-System U_e = 230 V	Upstream: NZMC2 IT-System U_e = 230 V
all types with Characteristic B, C	10	25 kA	36 kA
	13		
	16		
	20		

Downstream	I_n [A]	Upstream: NZMN2 IT-System U_e = 230 V	Upstream: NZMH2 IT-System U_e = 230 V
all types with Characteristic B, C	10	40 kA	40 kA
	13		
	16		
	20		

Back-up: MCCB / RCBO

Upstream: NZM...2
Downstream: PKP62

B, C, D characteristics

Downstream	I_n [A]	Upstream: NZMB2-A IT-System U_e = 230 V	Upstream: NZMC2-A IT-System U_e = 230 V
all types with Characteristic B, C	10	20 kA	25 kA
	13		
	16		
	20	15 kA	20 kA
	25		
	32		
	40	10 kA	10 kA

Downstream	I_n [A]	Upstream: NZMN2-A IT-System U_e = 230 V	Upstream: NZMH2-A IT-System U_e = 230 V
all types with Characteristic B, C	10	30 kA	30 kA
	13		
	16		
	20	20 kA	25 kA
	25		
	32		
	40	10 kA	10 kA

Back-up: MCCB / RCBO

Upstream: NZM...2
Downstream: PKPM2

B, C, D characteristics

Upstream		NZMB2 IT-System U_e = 230 V	NZMC2 IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	25 kA	36 kA
	13		
	16		
	20		

Upstream		NZMN2 IT-System U_e = 230 V	NZMH2 IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	40 kA	40 kA
	13		
	16		
	20		

Back-up: MCCB / RCBO

Upstream: NZM...2
Downstream: PKP62

B, C, D characteristics

Upstream		NZMB2-A IT-System U_e = 230 V	NZMC2-A IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	20 kA	25 kA
	13		
	16		
	20	15 kA	20 kA
	25		
	32		
	40	10 kA	10 kA

Upstream		NZMN2-A IT-System U_e = 230 V	NZMH2-A IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	30 kA	30 kA
	13		
	16		
	20	20 kA	25 kA
	25		
	32		
	40	10 kA	10 kA

Back-up: MCCB / RCBO

Upstream: NZM...1
Downstream: FRBmM-3

B, C, D characteristics

Upstream		NZMB1 U_e = 133 / 230 V			NZMC1 U_e = 133 / 230 V		
Downstream	I_n [A]	Type B	Type C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	25 kA	25 kA	-	36 kA	36 kA
	10	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	13	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	16	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	20	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	25	-	25 kA	25 kA	-	36 kA	36 kA
	32	-	25 kA	-	-	36 kA	-

Upstream		NZMN1 U_e = 133 / 230 V			NZMH1 U_e = 133 / 230 V		
Downstream	I_n [A]	Type B	Type C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	10	-	50 kA	50 kA	-	70 kA	70 kA
	13	50 kA	50 kA	50 kA	70 kA	70 kA	70 kA
	16	50 kA	50 kA	50 kA	70 kA	70 kA	70 kA
	20	50 kA	50 kA	50 kA	70 kA	70 kA	70 kA
	25	50 kA	50 kA	50 kA	70 kA	70 kA	70 kA
	32	-	50 kA	50 kA	-	70 kA	70 kA
	40	-	50 kA	-	-	70 kA	-

Back-up: MCCB / RCBO

Upstream: NZM...1
Downstream: FRBm6-3N

B, C, D characteristics

Upstream		NZMB(C)(N)(H)1-A U_e = 400 V			NZMB(C)(N)(H)1-A U_e = 415 V		
Downstream	I_n [A]	Type B	Type C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	20 kA	20 kA	-	20 kA	20 kA
	10	-	20 kA	20 kA	-	20 kA	20 kA
	13	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA
	16	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA
	20	-	20 kA	20 kA	-	20 kA	20 kA
	25	-	20 kA	-	-	20 kA	-

Coordination tables

Back-up: MCCB / RCBO

Upstream: NZM...2

Downstream: FRBmM-3

B, C, D characteristics

Upstream		NZMB2 U_e = 133 / 230 V			NZMC2 U_e = 133 / 230 V		
Downstream	I_n [A]	Type B	Type C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	25 kA	25 kA	-	36 kA	36 kA
	10	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	13	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	16	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	20	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	25	-	25 kA	25 kA	-	36 kA	36 kA
	32	-	25 kA	-	-	36 kA	-

Upstream		NZMN2 U_e = 133 / 230 V			NZMH2 U_e = 133 / 230 V		
Downstream	I_n [A]	Type B	Type C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	10	-	50 kA	50 kA	-	70 kA	70 kA
	13	50 kA	50 kA	50 kA	70 kA	70 kA	70 kA
	16	50 kA	50 kA	50 kA	70 kA	70 kA	70 kA
	20	50 kA	50 kA	50 kA	70 kA	70 kA	70 kA
	25	50 kA	50 kA	50 kA	70 kA	70 kA	70 kA
	32	-	50 kA	50 kA	-	70 kA	70 kA
	40	-	50 kA	-	-	70 kA	

Back-up: MCCB / RCBO

Upstream: NZM...2

Downstream: FRBm6-3N

B, C, D characteristics

Upstream		NZMB(C)(N)(H)2-A U_e = 415 V (400 V)		
Downstream	I_n [A]	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	20 kA	20 kA
	10	-	20 kA	20 kA
	13	20 kA	20 kA	20 kA
	16	20 kA	20 kA	20 kA
	20	-	20 kA	20 kA
	25	-	20 kA	-

Back-up: MCCB / RCBO

Upstream: NZM...1
Downstream: PKPM3

B, C, D characteristics

Downstream	Upstream I_n [A]	NZMB1 U_e = 133 / 230 V			NZMC1 U_e = 133 / 230 V		
		Type B	Type C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	25 kA	25 kA	-	36 kA	36 kA
	10	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	13	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	16	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	20	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	25	-	25 kA	25 kA	-	36 kA	36 kA
	32	-	25 kA	-	-	36 kA	-

Downstream	Upstream I_n [A]	NZMN1 U_e = 133 / 230 V			NZMH1 U_e = 133 / 230 V		
		Type B	Type C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	10	-	50 kA	50 kA	-	70 kA	70 kA
	13	50 kA	50 kA	50 kA	70 kA	70 kA	70 kA
	16	50 kA	50 kA	50 kA	70 kA	70 kA	70 kA
	20	50 kA	50 kA	50 kA	70 kA	70 kA	70 kA
	25	50 kA	50 kA	50 kA	70 kA	70 kA	70 kA
	32	-	50 kA	50 kA	-	70 kA	70 kA
	40	-	50 kA	-	-	70 kA	-

Back-up: MCCB / RCBO

Upstream: NZM...1
Downstream: mRB6

B, C, D characteristics

Downstream	Upstream I_n [A]	NZMB(C)(N)(H)1-A U_e = 400 V			NZMB(C)(N)(H)1-A U_e = 415 V		
		Type B	Type C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	20 kA	20 kA	-	20 kA	20 kA
	10	-	20 kA	20 kA	-	20 kA	20 kA
	13	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA
	16	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA
	20	-	20 kA	20 kA	-	20 kA	20 kA
	25	-	20 kA	-	-	20 kA	-

Back-up: MCCB / RCBO

Upstream: NZM...2
Downstream: PKPM3

B, C, D characteristics

Downstream	Upstream I_n [A]	NZMB2 U_e = 133 / 230 V Type B	NZMB2 Type C	NZMB2 Type D	NZMC2 U_e = 133 / 230 V Type B	NZMC2 Type C	NZMC2 Type D
all types with Characteristic B, C, D	6	-	25 kA	25 kA	-	36 kA	36 kA
	10	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	13	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	16	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	20	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	25	-	25 kA	25 kA	-	36 kA	36 kA
	32	-	25 kA	-	-	36 kA	-

Downstream	Upstream I_n [A]	NZMN2 U_e = 133 / 230 V Type B	NZMN2 Type C	NZMN2 Type D	NZMH2 U_e = 133 / 230 V Type B	NZMH2 Type C	NZMH2 Type D
all types with Characteristic B, C, D	10	-	50 kA	50 kA	-	70 kA	70 kA
	13	50 kA	50 kA	50 kA	70 kA	70 kA	70 kA
	16	50 kA	50 kA	50 kA	70 kA	70 kA	70 kA
	20	50 kA	50 kA	50 kA	70 kA	70 kA	70 kA
	25	50 kA	50 kA	50 kA	70 kA	70 kA	70 kA
	32	-	50 kA	50 kA	-	70 kA	70 kA
	40	-	50 kA	-	-	70 kA	

Back-up: MCCB / RCBO

Upstream: NZM...2
Downstream: mRB6

B, C, D characteristics

Downstream	Upstream I_n [A]	NZMB(C)(N)(H)2-A U_e = 415 V (400 V) Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	20 kA	20 kA
	10	-	20 kA	20 kA
	13	20 kA	20 kA	20 kA
	16	20 kA	20 kA	20 kA
	20	-	20 kA	20 kA
	25	-	20 kA	-

Back-up

Back-up: MCCB / RCBO

Upstream: NZM...1
Downstream: FRBm4-3N

B, C, D characteristics

Downstream	Upstream I_n [A]	NZMB(C)(N)(H)1-A U_e = 400 V			NZMB(C)(N)(H)1-A U_e = 415 V		
		Type B	Type C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	15 kA	15 kA	-	15 kA	15 kA
	10	-	15 kA	15 kA	-	15 kA	15 kA
	13	15 kA	15 kA	15 kA	15 kA	15 kA	15 kA
	16	15 kA	15 kA	15 kA	15 kA	15 kA	15 kA
	20	-	15 kA	15 kA	-	15 kA	15 kA
	25	-	15 kA	-	-	15 kA	-

Back-up: MCCB / RCBO

Upstream: NZM...1
Downstream: mRB4

B, C, D characteristics

Downstream	Upstream I_n [A]	NZMB(C)(N)(H)1-A U_e = 400 V			NZMB(C)(N)(H)1-A U_e = 415 V		
		Type B	Type C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	15 kA	15 kA	-	15 kA	15 kA
	10	-	15 kA	15 kA	-	15 kA	15 kA
	13	15 kA	15 kA	15 kA	15 kA	15 kA	15 kA
	16	15 kA	15 kA	15 kA	15 kA	15 kA	15 kA
	20	-	15 kA	15 kA	-	15 kA	15 kA
	25	-	15 kA	-	-	15 kA	-

Back-up: MCCB / RCBO

Upstream: NZM...2
Downstream: FRBm4-3N

B, C, D characteristics

Downstream	Upstream I_n [A]	NZMB(C)(N)(H)2-A U_e = 415 V (400 V)		
		Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	15 kA	15 kA
	10	-	15 kA	15 kA
	13	15 kA	15 kA	15 kA
	16	15 kA	15 kA	15 kA
	20	-	15 kA	15 kA
	25	-	15 kA	-

Back-up: MCCB / RCBO

Upstream: NZM...2
Downstream: mRB4

B, C, D characteristics

Downstream	Upstream I_n [A]	NZMB(C)(N)(H)2-A U_e = 415 V (400 V)		
		Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	15 kA	15 kA
	10	-	15 kA	15 kA
	13	15 kA	15 kA	15 kA
	16	15 kA	15 kA	15 kA
	20	-	15 kA	15 kA
	25	-	15 kA	-

Back-up: MCCB / RCBO

Upstream: LZM...1
Downstream: FRBdM, dRBM

B, C, D characteristics

Downstream	Upstream I_n [A]	LZMB1 U_e = 240 V (230 V) Type B	LZMB1 Type C	LZMB1 Type D	LZMC1 Ue = 240 V (230 V) Type B	LZMC1 Type C	LZMC1 Type D
all types with Characteristic B, C, D	6	-	25 kA	25 kA	-	36 kA	36 kA
	10	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	13	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	16	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	20	-	20 kA	20 kA	-	20 kA	20 kA
	25	-	20 kA	20 kA	-	20 kA	20 kA

Downstream	Upstream I_n [A]	LZMN1 U_e = 240 V (230 V) Type B	LZMN1 Type C	LZMN1 Type D
all types with Characteristic B, C, D	6	-	40 kA	40 kA
	10	40 kA	40 kA	40 kA
	13	40 kA	40 kA	40 kA
	16	40 kA	40 kA	40 kA
	20	-	20 kA	20 kA
	25	-	20 kA	20 kA

Back-up: MCCB / RCBO

Upstream: LZM...2
Downstream: FRBdM, dRBM

B, C, D characteristics

Downstream	Upstream I_n [A]	LZMB2 U_e = 240 V (230 V) Type B	LZMB2 Type C	LZMB2 Type D	LZMC2 U_e = 240 V (230 V) Type B	LZMC2 Type C	LZMC2 Type D
all types with Characteristic B, C, D	6	-	25 kA	25 kA	-	36 kA	36 kA
	10	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	13	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	16	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA
	20	-	20 kA	20 kA	-	20 kA	20 kA
	25	-	10 kA	10 kA	-	10 kA	10 kA

Downstream	Upstream I_n [A]	LZMN2 U_e = 240 V (230 V) Type B	LZMN2 Type C	LZMN2 Type D
all types with Characteristic B, C, D	6	-	40 kA	40 kA
	10	40 kA	40 kA	40 kA
	13	40 kA	40 kA	40 kA
	16	25 kA	25 kA	25 kA
	20	-	15 kA	15 kA
	25	-	10 kA	10 kA

Back-up: MCCB / RCBO

Upstream: **LZM...1**

Downstream: **FRBmM**

B, C characteristics

	Upstream	LZMB1 U_e = 230 V	LZMC(N)1 U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	2	25 kA	35 kA
	4		
	6		
	10		
	13		
	16		
	20		
	25		
	32		
	40		

Back-up: MCCB / RCBO

Upstream: **LZM...1**

Downstream: **FRBm6**

B, C characteristics

	Upstream	LZMB1 U_e = 230 V	LZMC(N)1 U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	2	20 kA	30 kA
	4		
	6		
	10		
	13		
	16		
	20		
	25		
	32		
	40		

Back-up: MCCB / RCBO

Upstream: **LZM...2**
Downstream: **FRBmM**

B, C, D characteristics

	Upstream	LZMB2 U_e = 230 V	LZMC2 U_e = 230 V	LZMN2 U_e = 230 V
Downstream	I_n [A]			
all types with Characteristic B, C, D	2	25 kA	36 kA	50 kA
	4			
	6			
	10			
	13			
	16			
	20			
	25		30 kA	30 kA
	32			
	40			

Back-up: MCCB / RCBO

Upstream: **LZM...2**
Downstream: **FRBm6**

B, C, D characteristics

	Upstream	LZMB2 U_e = 230 V	LZMC2 U_e = 230 V	LZMN2 U_e = 230 V
Downstream	I_n [A]			
all types with Characteristic B, C, D	2	20 kA	30 kA	45 kA
	4			
	6			
	10			
	13			
	16			
	20			
	25		25 kA	25 kA
	32			
	40			

Back-up: MCCB / RCBO

Upstream: LZM...1
Downstream: PKNM-1N, PXK, PFL7, mRBM B, C characteristics

Downstream	Upstream I_n [A]	LZMB1 U_e = 230 V	LZMC(N)1 U_e = 230 V
all types with Characteristic B, C	2	25 kA	35 kA
	4		
	6		
	10		
	13		
	16		
	20		
	25		
	32		
	40		

Back-up: MCCB / RCBO

Upstream: LZM...1
Downstream: PKN6, PFL6 B, C characteristics

Downstream	Upstream I_n [A]	LZMB1 U_e = 230 V	LZMC(N)1 U_e = 230 V
all types with Characteristic B, C	2	20 kA	30 kA
	4		
	6		
	10		
	13		
	16		
	20		
	25		
	32		
	40		

Back-up: MCCB / RCBO

Upstream: LZM...2
Downstream: PKNM-1N, PXK, PFL7, mRBM B, C, D characteristics

	Upstream	LZMB2 U_e = 230 V	LZMC2 U_e = 230 V	LZMN2 U_e = 230 V
Downstream	I_n [A]			
all types with Characteristic B, C, D	2	25 kA	36 kA	50 kA
	4			
	6			
	10			
	13			
	16			
	20			
	25		30 kA	30 kA
	32			
	40			

Back-up: MCCB / RCBO

Upstream: LZM...2
Downstream: PKN6, PFL6 B, C, D characteristics

	Upstream	LZMB2 U_e = 230 V	LZMC2 U_e = 230 V	LZMN2 U_e = 230 V
Downstream	I_n [A]			
all types with Characteristic B, C, D	2	20 kA	30 kA	45 kA
	4			
	6			
	10			
	13			
	16			
	20			
	25		25 kA	25 kA
	32			
	40			

Back-up: MCCB / RCBO

Upstream: LZM...1
Downstream: FRBmM-2

B, C characteristics

Upstream		LZMB1 IT-System U_e = 230 V	LZMC1 IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	20 kA	20 kA
	13		
	16		
	20	15 kA	

Upstream		LZMN1 IT-System U_e = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C	10	25 kA
	13	
	16	
	20	20 kA

Back-up: MCCB / RCBO

Upstream: LZM...1
Downstream: FRBm6-2

B, C characteristics

Upstream		LZMB1-A IT-System U_e = 230 V	LZMC1-A IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	15 kA	15 kA
	13		
	16		
	20	10 kA	
	25		
	32		
	40		

Upstream		LZMN1-A IT-System U_e = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C	10	20 kA
	13	
	16	
	20	15 kA
	25	
	32	
	40	

Back-up: MCCB / RCBO

Upstream: LZM...2
Downstream: FRBmM-2

B, C, D characteristics

Upstream		LZMB2 IT-System U_e = 230 V	LZMC2 IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	25 kA	36 kA
	13		
	16		
	20		

Upstream		LZMN2 IT-System U_e = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C	10	40 kA
	13	
	16	
	20	

Back-up: MCCB / RCBO

Upstream: LZM...2
Downstream: FRBm6-2

B, C, D characteristics

Upstream		LZMB2-A IT-System U_e = 230 V	LZMC2-A IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	20 kA	25 kA
	13		
	16		
	20	15 kA	20 kA
	25		
	32		
	40	10 kA	10 kA

Upstream		LZMN2-A IT-System U_e = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C	10	30 kA
	13	
	16	
	20	20 kA
	25	
	32	
	40	10 kA

Back-up: MCCB / RCBO

Upstream: LZM...1
Downstream: PKPM2

B, C characteristics

Upstream		LZMB1 IT-System U_e = 230 V	LZMC1 IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	20 kA	20 kA
	13		
	16		
	20	15 kA	

Upstream		LZMN1 IT-System U_e = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C	10	25 kA
	13	
	16	
	20	20 kA

Back-up: MCCB / RCBO

Upstream: LZM...1
Downstream: PKP62

B, C characteristics

Upstream		LZMB1-A IT-System U_e = 230 V	LZMC1-A IT-System U_e = 230 V
Downstream	I_n [A]		
all types with Characteristic B, C	10	15 kA	15 kA
	13		
	16		
	20	10 kA	
	25		
	32		
	40		

Upstream		LZMN1-A IT-System U_e = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C	10	20 kA
	13	
	16	
	20	15 kA
	25	
	32	
	40	

Back-up: MCCB / RCBO

Upstream: LZM...2
Downstream: PKPM2

B, C, D characteristics

Downstream	I_n [A]	Upstream LZMB2 IT-System U_e = 230 V	Upstream LZMC2 IT-System U_e = 230 V
all types with Characteristic B, C	10	25 kA	36 kA
	13		
	16		
	20		

Downstream	I_n [A]	Upstream LZMN2 IT-System U_e = 230 V
all types with Characteristic B, C	10	40 kA
	13	
	16	
	20	

Back-up: MCCB / RCBO

Upstream: LZM...2
Downstream: PKP62

B, C, D characteristics

Downstream	I_n [A]	Upstream LZMB2-A IT-System U_e = 230 V	Upstream LZMC2-A IT-System U_e = 230 V
all types with Characteristic B, C	10	20 kA	25 kA
	13		
	16		
	20	15 kA	20 kA
	25		
	32		
	40	10 kA	10 kA

Downstream	I_n [A]	Upstream LZMN2-A IT-System U_e = 230 V
all types with Characteristic B, C	10	30 kA
	13	
	16	
	20	20 kA
	25	
	32	
	40	10 kA

Back-up: MCCB / RCBO

Upstream: LZM...1, LZM...2
Downstream: FRBmM-3

B, C, D characteristics

Upstream		LZMB1 U_e = 133 / 230 V			LZMC1 U_e = 133 / 230 V		
Downstream	I_n [A]	Type B	Type C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	25 kA	25 kA	-	36 kA	36 kA
	10	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	13	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	16	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	20	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	25	-	25 kA	25 kA	-	36 kA	36 kA
	32	-	25 kA	-	-	36 kA	-

Upstream		LZMN1 U_e = 133 / 230 V		
Downstream	I_n [A]	Type B	Type C	Type D
all types with Characteristic B, C, D	10	-	50 kA	50 kA
	13	50 kA	50 kA	50 kA
	16	50 kA	50 kA	50 kA
	20	50 kA	50 kA	50 kA
	25	50 kA	50 kA	50 kA
	32	-	50 kA	50 kA
	40	-	50 kA	-

Back-up: MCCB / RCBO

Upstream: LZM...1, LZM...2
Downstream: FRBm6-3N

B, C, D characteristics

Upstream		LZMB(C)(N)1-A U_e = 415 V (400 V)		
Downstream	I_n [A]	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	20 kA	20 kA
	10	-	20 kA	20 kA
	13	20 kA	20 kA	20 kA
	16	20 kA	20 kA	20 kA
	20	-	20 kA	20 kA
	25	-	20 kA	-

Back-up: MCCB / RCBO

Upstream: LZM...1, LZM...2
Downstream: PKPM3

B, C, D characteristics

Upstream		LZMB1 U_e = 133 / 230 V			LZMC1 U_e = 133 / 230 V		
Downstream	I_n [A]	Type B	Type C	Type D	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	25 kA	25 kA	-	36 kA	36 kA
	10	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	13	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	16	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	20	25 kA	25 kA	25 kA	36 kA	36 kA	36 kA
	25	-	25 kA	25 kA	-	36 kA	36 kA
	32	-	25 kA	-	-	36 kA	-

Upstream		LZMN1 U_e = 133 / 230 V		
Downstream	I_n [A]	Type B	Type C	Type D
all types with Characteristic B, C, D	10	-	50 kA	50 kA
	13	50 kA	50 kA	50 kA
	16	50 kA	50 kA	50 kA
	20	50 kA	50 kA	50 kA
	25	50 kA	50 kA	50 kA
	32	-	50 kA	50 kA
	40	-	50 kA	-

Back-up: MCCB / RCBO

Upstream: LZM...1, LZM...2
Downstream: mRB6

B, C, D characteristics

Upstream		LZMB(C)(N)1-A U_e = 415 V (400 V)		
Downstream	I_n [A]	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	20 kA	20 kA
	10	-	20 kA	20 kA
	13	20 kA	20 kA	20 kA
	16	20 kA	20 kA	20 kA
	20	-	20 kA	20 kA
	25	-	20 kA	-

Back-up: MCCB / RCBO

Upstream: **LZM...1, LZM...2**

Downstream: **FRBm4-3N** **B, C, D characteristics**

	Upstream	LZMB(C)(N)1-A U_e = 415 V (400)		
Downstream	I_n [A]	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	15 kA	15 kA
	10	-	15 kA	15 kA
	13	15 kA	15 kA	15 kA
	16	15 kA	15 kA	15 kA
	20	-	15 kA	15 kA
	25	-	15 kA	-

Back-up: MCCB / RCBO

Upstream: **LZM...1, LZM...2**

Downstream: **mRB4** **B, C, D characteristics**

	Upstream	LZMB(C)(N)1-A U_e = 415 V (400)		
Downstream	I_n [A]	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	15 kA	15 kA
	10	-	15 kA	15 kA
	13	15 kA	15 kA	15 kA
	16	15 kA	15 kA	15 kA
	20	-	15 kA	15 kA
	25	-	15 kA	-

Back-up: MCB / MCB

Upstream: **AZ** **C characteristics**

Downstream: **FAZ** **C characteristics**

	Upstream	AZ C								
Downstream	I_n [A]	20	25	32	40	50	63	80	100	125
all types with Characteristic C	1	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	2	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	3	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	4	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	6	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	10	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	13	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	16	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	20	1)	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	25	1)	1)	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	32	1)	1)	1)	25 kA	25 kA	25 kA	20 kA	20 kA	-
	40	1)	1)	1)	1)	25 kA	25 kA	20 kA	20 kA	-
	50	1)	1)	1)	1)	1)	25 kA	20 kA	20 kA	-
	63	1)	1)	1)	1)	1)	1)	-	-	-

1) I_n AZ $\leq I_n$ FAZ

Back-up: MCB / MCB

Upstream: PLHT, mMCT — C characteristics

Downstream: PXL, PLSM, PL7, mMCM, PLZM, EM — C characteristics

	Upstream	PLHT C								
Downstream	I_n [A]	20	25	32	40	50	63	80	100	125
all types with Characteristic C	1	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	2	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	3	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	4	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	6	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	10	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	13	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	16	25 kA	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	20	1)	25 kA	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	25	1)	1)	25 kA	25 kA	25 kA	25 kA	20 kA	20 kA	15 kA
	32	1)	1)	1)	25 kA	25 kA	25 kA	20 kA	20 kA	-
	40	1)	1)	1)	1)	25 kA	25 kA	20 kA	20 kA	-
	50	1)	1)	1)	1)	1)	25 kA	20 kA	20 kA	-
	63	1)	1)	1)	1)	1)	1)	-	-	-

1) I_n PLHT $\leq I_n$ PLSM; I_n mMCT $\leq I_n$ mMCm;...

Back-up: MCB / RCBO

Upstream: **PLSM-OV63**
Downstream: **FRBdM, dRBM**

B, C, D characteristics

	Upstream	PLSM-OV63/2,3,4,3N IT-System U_e = 230 V		
Downstream	I_n [A]	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	10 kA	10 kA
	10	10 kA	10 kA	10 kA
	13	10 kA	10 kA	10 kA
	16	10 kA	10 kA	10 kA
	20	-	10 kA	10 kA
	25	-	10 kA	10 kA

Back-up: MCB / RCBO

Upstream: **PLSM-OV63**
Downstream: **FRBmM-2**

B, C characteristics

	Upstream	PLSM-OV63/2,3,4,3N IT-System U_e = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C	10	10 kA
	13	
	16	
	20	

Back-up: MCB / RCBO

Upstream: **PLSM-OV63**
Downstream: **FRBm6-2**

B, C characteristics

	Upstream	PLSM-OV63/2,3,4,3N IT-System U = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C	10	10 kA
	13	
	16	
	20	
	25	
	32	
	40	

Back-up: MCB / RCBO

Upstream: **PLSM-OV63**
Downstream: **PKPM2**

B, C characteristics

	Upstream	PLSM-OV63/2,3,4,3N IT-System U_e = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C	10	10 kA
	13	
	16	
	20	

Back-up: MCB / RCBO

Upstream: PLSM-OV63
Downstream: PKP62

B, C characteristics

Downstream	I_n [A]	Upstream: PLSM-OV63/2,3,4,3N IT-System U = 230 V
all types with Characteristic B, C	10	10 kA
	13	
	16	
	20	
	25	
	32	
	40	

Back-up: MCB / RCBO

Upstream: PLSM-OV63
Downstream: FRBm6-3N

B, C, D characteristics

Downstream	I_n [A]	Upstream: PLSM-OV63 U_e = 400 V		
		Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	10 kA	10 kA
	10	-	10 kA	10 kA
	13	10 kA	10 kA	10 kA
	16	10 kA	10 kA	10 kA
	20	-	10 kA	10 kA
	25	-	10 kA	-

Back-up: MCB / RCBO

Upstream: PLSM-OV63
Downstream: FRBm4-3N

B, C, D characteristics

Downstream	I_n [A]	Upstream: PLSM-OV63 U_e = 400 V		
		Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	6 kA	6 kA
	10	-	6 kA	6 kA
	13	6 kA	6 kA	6 kA
	16	6 kA	6 kA	6 kA
	20	-	6 kA	6 kA
	25	-	6 kA	-

Back-up: MCB / RCBO

Upstream: PLSM-OV80
Downstream: FRBm4-3N

B, C, D characteristics

	Upstream	PLHT-OV80 U_e = 400 V		
Downstream	I_n [A]	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	15 kA	15 kA
	10	-	15 kA	15 kA
	13	15 kA	15 kA	15 kA
	16	15 kA	15 kA	15 kA
	20	-	15 kA	15 kA
	25	-	15 kA	-

Back-up: MCB / RCBO

Upstream: PLSM-OV80
Downstream: mRB6

B, C, D characteristics

	Upstream	PLHT-OV80 U_e = 400 V		
Downstream	I_n [A]	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	20 kA	20 kA
	10	-	20 kA	20 kA
	13	20 kA	20 kA	20 kA
	16	20 kA	20 kA	20 kA
	20	-	20 kA	20 kA
	25	-	20 kA	-

Back-up: MCB / RCBO

Upstream: PLSM-OV80
Downstream: mRB4

B, C, D characteristics

	Upstream	PLHT-OV80 U_e = 400 V		
Downstream	I_n [A]	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	15 kA	15 kA
	10	-	15 kA	15 kA
	13	15 kA	15 kA	15 kA
	16	15 kA	15 kA	15 kA
	20	-	15 kA	15 kA
	25	-	15 kA	-

Back-up: Fuse / MCB

Upstream: NH00 125A, 100A, 80A, 63A
Downstream: FAZ B, C characteristics

	Upstream	NH00 125 A gL/gG IT-System U_e = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C	0.5	50 kA
	1	
	2	
	3	
	4	
	6	
	10	
	13	
	16	
	20	
	25	
	32	
	40	
	50	
	63	

Back-up: Fuse / MCB

Upstream: NH00 100A, 80A, 63A
Downstream: FAZ6 B, C characteristics

	Upstream	NH00 100 A gL/gG IT-System U_e = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C	0.5	50 kA
	1	
	2	
	3	
	4	
	6	
	10	
	13	
	16	
	20	
	25	
	32	
	40	
	50	
	63	

Back-up: Fuse / MCB

Upstream: NH00 125A, 100A, 80A, 63A
Downstream: PXL, PLSM, PL7, mMCM, PLZM, EM B, C characteristics

	Upstream	NH00 125 A gL/gG IT-System U_e = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C	0.5	50 kA
	1	
	2	
	3	
	4	
	6	
	10	
	13	
	16	
	20	
	25	
	32	
	40	
	50	
	63	

Back-up: Fuse / MCB

Upstream: NH00 100A, 80A, 63A
Downstream: PLS6, PL6, mMC6, PLZ6, PLN6 B, C characteristics

	Upstream	NH00 100 A gL/gG IT-System U_e = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C	0.5	50 kA
	1	
	2	
	3	
	4	
	6	
	10	
	13	
	16	
	20	
	25	
	32	
	40	
	50	
	63	

Back-up: Fuse / RCBO

Upstream: NH00 125A
Downstream: FRBdM, dRBM

B, C, D characteristics

Downstream		Upstream NH00-125A gG U_e = 240 V		
	I_n [A]	Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	40 kA	40 kA
	10	40 kA	40 kA	40 kA
	13	40 kA	40 kA	40 kA
	16	40 kA	40 kA	40 kA
	20	-	20 kA	20 kA
	25	-	10 kA	10 kA

Back-up: Fuse / RCBO

Upstream: NH00 125A
Downstream: FRBmM

B, C characteristics

Downstream		Upstream NH00 125 A gL/gG U_e = 230 V
	I_n [A]	
all types with Characteristic B, C	2	40 kA
	4	
	6	
	10	
	13	
	16	
	20	
	25	
	32	
	40	

Back-up: Fuse / RCBO

Upstream: NH00 100A
Downstream: FRBm6

B, C characteristics

Downstream		Upstream NH00 100 A gL/gG U_e = 230 V
	I_n [A]	
all types with Characteristic B, C	2	40 kA
	4	
	6	
	10	
	13	
	16	
	20	
	25	
	32	
	40	

Back-up: Fuse / RCBO

Upstream: NH00 125A
Downstream: PKNM, PXK, PFL7, mRBM — B, C characteristics

Upstream		NH00 125 A gL/gG U_e = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C	2	40 kA
	4	
	6	
	10	
	13	
	16	
	20	
	25	
	32	
	40	

Back-up: Fuse / RCBO

Upstream: NH00 100A
Downstream: PKN6, PFL6 — B, C characteristics

Upstream		NH00 100 A gL/gG U_e = 230 V
Downstream	I_n [A]	
all types with Characteristic B, C	2	40 kA
	4	
	6	
	10	
	13	
	16	
	20	
	25	
	32	
	40	

Back-up: Fuse / RCBO

Upstream: NH00 125A
Downstream: FRBmM-2

B, C characteristics

Downstream		Upstream: NH00 125 A gG/gL IT-System U_e = 230 V
	I_n [A]	
all types with Characteristic B, C	10	40 kA
	13	
	16	
	20	

Back-up: Fuse / RCBO

Upstream: NH00 125A
Downstream: FRBm6-2

B, C characteristics

Downstream		Upstream: NH00 125 A gG/gL IT-System U_e = 230 V
	I_n [A]	
all types with Characteristic B, C	10	35 kA
	13	
	16	
	20	
	25	
	32	
	40	

Back-up: Fuse / RCBO

Upstream: NH00 100A
Downstream: FRBm6-2

B, C characteristics

Downstream		Upstream: NH00 100 A gG/gL IT-System U_e = 230 V
	I_n [A]	
all types with Characteristic B, C	10	40 kA
	13	
	16	
	20	
	25	
	32	
	40	

Back-up: Fuse / RCBO

Upstream: NH00 125A
Downstream: PKPM2

B, C characteristics

Downstream	I_n [A]	Upstream: NH00 125 A gG/gL, IT-System U_e = 230 V
all types with Characteristic B, C	10	40 kA
	13	
	16	
	20	

Back-up: Fuse / RCBO

Upstream: NH00 125A
Downstream: PKP62

B, C characteristics

Downstream	I_n [A]	Upstream: NH00 125 A gG/gL, IT-System U_e = 230 V
all types with Characteristic B, C	10	35 kA
	13	
	16	
	20	
	25	
	32	
	40	

Back-up: Fuse / RCBO

Upstream: NH00 100A
Downstream: PKP62

B, C characteristics

Downstream	I_n [A]	Upstream: NH00 100 A gG/gL, IT-System U_e = 230 V
all types with Characteristic B, C	10	40 kA
	13	
	16	
	20	
	25	
	32	
	40	

Back-up: Fuse / RCBO

Upstream: NH00 125A
Downstream: FRBmM-3

B, C, D characteristics

Downstream	Upstream I_n [A]	NH00 125 A gG/gL U_e = 133 / 230 V Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	70 kA	70 kA
	10	70 kA	70 kA	70 kA
	13	70 kA	70 kA	70 kA
	16	70 kA	70 kA	70 kA
	20	70 kA	70 kA	70 kA
	25	-	70 kA	70 kA
	32	-	70 kA	-

Back-up: Fuse / RCBO

Upstream: NH00 125A
Downstream: PKPM3

B, C, D characteristics

Downstream	Upstream I_n [A]	NH00 125 A gG/gL U_e = 133 / 230 V Type B	Type C	Type D
all types with Characteristic B, C, D	6	-	70 kA	70 kA
	10	70 kA	70 kA	70 kA
	13	70 kA	70 kA	70 kA
	16	70 kA	70 kA	70 kA
	20	70 kA	70 kA	70 kA
	25	-	70 kA	70 kA
	32	-	70 kA	-