

Koordinering av Schneider Electric kanalskinner

Koordinering av Schneider Electric kanalskinner og vern i Febdok

Samsvar med NEK 400:2022

NEK 400-5-53, 533.3.1.2 angir to metoder for dokumentasjon av kortslutningsbeskyttelse av kanalskinner. Valg av annen metode enn de angitte er et avvik fra NEK 400.

Sikreste løsning

Metode a) er basert på kortslutningsprøving. Produsenten tar dermed ansvaret og garanterer at den spesifiserte kombinasjonen av vern og skinne gir sikkerhet i samsvar med produktstandarden IEC 61439-1, og NEK 400-5-53.

NEK 400-5-53, 533.3.1.2 angir to alternative metoder for kortslutningsbeskyttelse for kanalskinner:

- a) Kombinasjon av vern og kanalskinne spesifisert av produsenten. Kanalskinnens merkeverdi I_{cc} skal være større enn maksimal forventet kortslutningsstrøm. I_{cc} er største strøm den spesifiserte kombinasjonen av vern og kanalskinne er testet for.
- b) Krav til kanalskinnens merkeverdier forholdsmessig til stedlige kortslutningsstrømmer og vernets utkoblingstid:
 $I_{cp} \geq I_{pk}$ (toppverdi av maksimal forventet kortslutningsstrøm*)
 $I_{cw} \geq I_k$ (maksimal forventet kortslutningsstrøm*)
 $t_{cw} \geq t_k$ (overstrømsvernets utkoblingstid)

Febdok benytter metode b). Der denne metoden gir rød feilmelding på skinnens tåleevne må metode a) må benyttes for samsvar med NEK 400.

Schneider Electric publiserer koordinasjonstabeller i samsvar med metode a).

Et utvalg av de mest benyttede koordinasjonstabellene er gjengitt på de påfølgende sidene. For komplette tabeller se www.se.com eller kontakt Schneider Electric AS.

*Hva er forventet kortslutningsstrøm?

NEK 400-2, 203.117

kortslutningsstrøm hvor enhver bryter og overstrømsvern i strømbanen er erstattet med leder med negligjerbar impedans

Ue: 380 – 415 AC

Type of Canalis busbar trunking KSA100							
Isc max. in kA rms		25 kA	36 kA	50 kA			
Type of circuit breaker	NG125	NG125N100	NG125H80	NG125L80			
	Compact NSXm	NSXm B/F/N/H 100	NSXm F/N/H 100	-			
	Compact NSX	NSX100B/F/N/H/S/L	-	-			
Type of Canalis busbar trunking KSA160							
Isc max. in kA rms		25 kA	36 kA	50 kA	70 kA	90 kA	
Type of circuit breaker	Compact NSXm	NSXm B/F/N/H 160	NSXm F/N/H 160	NSXm N/H 160	NSXm N/H 160		
	Compact NSX	NSX100B/F/N/H/S/L NSX160B/F/N/H/S/L NSX250B/F/N/H/S/L	NSX100F/N/H/S/L NSX160F/N/H/S/L NSX250F/N/H/S/L	NSX100N/H/S/L NSX160N/H/S/L NSX250N/H/S/L	NSX100H/S/L NSX160H/S/L -	NSX100S/L - -	
Type of Canalis busbar trunking KSA250							
Isc max. in kA rms		25 kA	36 kA	50 kA	70 kA	100 kA	150 kA
Type of circuit breaker	Compact NSX	NSX160B/F/N/H/S/L NSX250B/F/N/H/S/L NSX400F/N/H/S/L	NSX160F/N/H/S/L NSX250F/N/H/S/L NSX400F/N/H/S/L	NSX160N/H/S/L NSX250N/H/S/L NSX400N/H/S/L	NSX160H/S/L NSX250H/S/L -	NSX160S/L NSX250S/L -	NSX160L NSX250L -
Type of Canalis busbar trunking KSA400							
Isc max. in kA rms		25 kA	36 kA	50 kA	70 kA	100 kA	150 kA
Type of circuit breaker	Compact NSX	NSX250B/F/N/H/S/L NSX400F/N/H/S/L NSX630F/N/H/S/L	NSX250F/N/H/S/L NSX400F/N/H/S/L NSX630F/N/H/S/L	NSX250N/H/S/L NSX400N/H/S/L NSX630N/H/S/L	NSX250H/S/L NSX400H/S/L NSX630H/S/L	NSX250S/L NSX400S/L NSX630S/L	NSX250L NSX400L NSX630L
	Compact NS	NS630b N/H/L/LB	NS630b L / LB	NS630b L / LB	NS630b LB	-	-
Type of Canalis busbar trunking KSA500							
Isc max. in kA rms		25 kA	36 kA	50 kA	70 kA	100 kA	150 kA
Type of circuit breaker	Compact NSX	NSX400F/N/H/S/L NSX630F/N/H/S/L	NSX400F/N/H/S/L NSX630F/N/H/S/L	NSX400N/H/S/L NSX630N/H/S/L	NSX400H/S/L NSX630H/S/L	NSX400S/L NSX630S/L	NSX400L NSX630L
	Compact NS	NS630b N/H/L/LB	NS630b N/H/L/LB	NS630b L / LB	NS630b LB	NS630b LB	-
Type of Canalis busbar trunking KSA630							
Isc max. in kA rms		32 kA	36 kA	50 kA	70 kA	100 kA	150 kA
Type of circuit breaker	Compact NSX	NSX400F/N/H/S/L NSX630F/N/H/S/L	NSX400F/N/H/S/L NSX630F/N/H/S/L	NSX400N/H/S/L NSX630N/H/S/L	NSX400H/S/L NSX630H	NSX400S/L NSX630S/L	NSX400L NSX630L
	Compact NS	NS630b N/H/L/LB NS800N/H/L/LB	NS630b L/LB NS800L/LB	NS630b L/LB NS800L/LB	NS630b L/LB NS800L/LB	NS630b L/LB NS800L/LB	NS630b LB NS800LB
	Masterpact MTZ1	MTZ1 06 H1/H2/H3/L1 MTZ1 08 H1/H2/H3/L1	MTZ1 06 L1 MTZ1 08 L1	MTZ1 06 L1 MTZ1 08 L1	MTZ1 06 L1 MTZ1 08 L1	MTZ1 06 L1 MTZ1 08 L1	- -
Type of Canalis busbar trunking KSA800							
Isc max. in kA rms		25 kA	36 kA	50 kA	70 kA	100 kA	150 kA
Type of circuit breaker	Compact NSX	NSX630F/N/H/S/L	NSX630F/N/H/S/L	NSX630N/H/S/L	NSX630H/S/L	NSX630S/L	NSX630L
	Compact NS	NS630b N/H/L/LB NS800N/H/L/LB NS1000N/H/L	NS630b N/H/L/LB NS800N/H/L/LB NS1000N/H/L	NS630b L/LB NS800L/LB NS1000L	NS630b L/LB NS800L/LB NS1000L	NS630b L/LB NS800L/LB NS1000L	NS630b L/LB NS800L/LB NS1000L
	Masterpact MTZ1	MTZ1 06 H1/H2/H3/L1 MTZ1 08 H1/H22/H3/L1 MTZ1 10 H1/H2/H3/L1	MTZ1 06 H1/H2/H3/L1 MTZ1 08 H1/H22/H3/L1 MTZ1 10 H1/H2/H3/L1	MTZ1 06 L1 MTZ1 08 L1 MTZ1 10 L1	MTZ1 06 L1 MTZ1 08 L1 MTZ1 10 L1	MTZ1 06 L1 MTZ1 08 L1 MTZ1 10 L1	MTZ1 06 L1 MTZ1 08 L1 MTZ1 10 L1
Type of Canalis busbar trunking KSA1000							
Isc max. in kA rms		25 kA	36 kA	50 kA	70 kA	100 kA	150 kA
Type of circuit breaker	Compact NS	NS800N/H/L/LB NS1000N/H/L NS1250N/H	NS800N/H/L/LB NS1000N/H/L NS1250N/H	NS800L/LB NS1000L -	NS800L/LB NS1000L -	NS800L/LB NS1000L -	NS800L/LB NS1000L -
	Masterpact MTZ1	MTZ1 08 H1/H22/H3/L1 MTZ1 10 H1/H2/H3/L1 MTZ1 12 H1/H2/H3	MTZ1 08 H1/H22/H3/L1 MTZ1 10 H1/H2/H3/L1 MTZ1 12 H1/H2/H3	MTZ1 08 L1 MTZ1 10 L1 -	MTZ1 08 L1 MTZ1 10 L1 -	MTZ1 08 L1 MTZ1 10 L1 -	MTZ1 08 L1 MTZ1 10 L1 -

Type of Canalis busbar trunking		KTA0800					
Isc max kArms		30 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NSX	NSX630F (u 36 kA)	NSX630N/H/S/L	NSX630H/S/L	NSX630S/L	NSX630S/L	NSX630L
	Compact NS	NS630bN NS800N NS1000N			NS630bL NS800L NS1000L		NS630bLB NS800LB
	Masterpact MTZ1	MTZ1 06 H1/H2/H3/L1 MTZ1 08 H1/H2/H3/L1 MTZ1 10 H1/H2/H3/L1	MTZ1 06 L1 MTZ1 08 L1 MTZ1 10 L1				
	Masterpact MTZ2	MTZ2 08 N1/H1/H2/L1 MTZ2 10 N1/H1/H2/L1					
	Masterpact NT	NT06 H1 NT08 H1 NT10 H1			NT06 L1 NT08 L1 NT10 L1		
	Masterpact NW	NW08H1 NW10H1					
Type of Canalis busbar trunking		KTA0800 Reinforced short-circuit level					
Isc max kArms		30 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NSX	NSX630F (u 36 kA)	NSX630N/H/S/L	NSX630H/S/L	NSX630S/L	NSX630S/L	NSX630L
	Compact NS	NS630bN NS800N NS1000N				NS630bL NS800L NS1000L	NS630bLB NS800LB
	Masterpact MTZ1	MTZ1 06 H1/H2/H3/L1 MTZ1 08 H1/H2/H3/L1 MTZ1 10 H1/H2/H3/L1	MTZ1 06 L1 MTZ1 08 L1 MTZ1 10 L1				
	Masterpact MTZ2	MTZ2 08 N1/H1/H2/L1 MTZ2 10 N1/H1/H2/L1					
	Masterpact NT	NT06 H1 NT08 H1 NT10 H1				NT06 L1 NT08 L1 NT10 L1	
	Masterpact NW	NW08H1 NW10H1					
Type of Canalis busbar trunking		KTA1000					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NS		NS800N NS1000N NS1250N				NS800L NS1000L
	Masterpact MTZ1	MTZ1 08 H1/H2/H3/L1 MTZ1 10 H1/H2/H3/L1 MTZ1 12 H1/H2/H3	MTZ1 08 H2/H3/L1 MTZ1 10 H2/H3/L1 MTZ1 12 H2/H3	MTZ1 08 L1 MTZ1 10 L1			
	Masterpact MTZ2	MTZ2 08 N1/H1/H2/L1 MTZ2 10 N1/H1/H2/L1 MTZ2 12 N1/H1/H2/L1	MTZ2 08 H1/H2/L1 MTZ2 10 H1/H2/L1 MTZ2 12 H1/H2/L1				
	Masterpact NT	NT08H1 NT10H1 NT12H1	NT08H2 NT10H2 NT12H2				NT08L1 NT10L1
	Masterpact NW	NW08N1 NW10N1 NW12N1	NW08H1 NW10H1 NW12H1				
Type of Canalis busbar trunking		KTA1000 Reinforced short-circuit level					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NS		NS800N NS1000N	NS800H NS1000H NS1250H			NS800L NS1000L
	Masterpact MTZ1	MTZ1 08 H1/H2/H3/L1 MTZ1 10 H1/H2/H3/L1 MTZ1 12 H1/H2/H3	MTZ1 08 H2/H3/L1 MTZ1 10 H2/H3/L1 MTZ1 12 H2/H3	MTZ1 08 H3/L1 MTZ1 10 H3/L1 MTZ1 12 H3	MTZ1 08 L1 MTZ1 10 L1		
	Masterpact MTZ2	MTZ2 08 N1/H1/H2/L1 MTZ2 10 N1/H1/H2/L1 MTZ2 12 N1/H1/H2/L1	MTZ2 08 H1/H2/L1 MTZ2 10 H1/H2/L1 MTZ2 12 H1/H2/L1		MTZ2 08 L1 MTZ2 10 L1 MTZ2 12 L1		
	Masterpact NT	NT08H1 NT10H1 NT12H1	NT08H2 NT10H2 NT12H2				NT08L1 NT10L1
	Masterpact NW	NW08N1 NW10N1 NW12N1		NW08H1 NW10H1 NW12H1	NW08L1 NW10L1 NW12L1		

Type of Canalis busbar trunking		KTA1250					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NS		NS1000N NS1250N NS1600N				NS1000L
	Masterpact MTZ1	MTZ1 10 H1/H2/H3/L1 MTZ1 12 H1/H2/H3 MTZ1 16 H1/H2/H3	MTZ1 10 H2/H3/L1 MTZ1 12 H2/H3 MTZ1 16 H2/H3	MTZ1 10 L1			
	Masterpact MTZ2	MTZ2 10 N1/H1/H2/L1 MTZ2 12 N1/H1/H2/L1 MTZ2 16 N1/H1/H2/L1	MTZ2 10 H1/H2/L1 MTZ2 12 H1/H2/L1 MTZ2 16 H1/H2/L1				
	Masterpact NT	NT10H1 NT12H1 NT16H1	NT10H2 NT12H2 NT16H2				NT10L1
	Masterpact NW	NW10N1 NW12N1 NW16N1	NW10H1 NW12H1 NW16H1				
Type of Canalis busbar trunking		KTA1250 Reinforced short-circuit level					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NS		NS1000N NS1250N NS1600N	NS1000H NS1250H NS1600H			NS1000L
	Masterpact MTZ1	MTZ1 10 H1/H2/H3/L1 MTZ1 12 H1/H2/H3 MTZ1 16 H1/H2/H3	MTZ1 10 H2/H3/L1 MTZ1 12 H2/H3 MTZ1 16 H2/H3	MTZ1 10 H3/L1 MTZ1 12 H3 MTZ1 16 H3	MTZ1 10 L1		
	Masterpact MTZ2	MTZ2 10 N1/H1/H2/L1 MTZ2 12 N1/H1/H2/L1 MTZ2 16 N1/H1/H2/L1	MTZ2 10 H1/H2/L1 MTZ2 12 H1/H2/L1 MTZ2 16 H1/H2/L1		MTZ2 10 L1 MTZ2 12 L1 MTZ2 16 L1		
	Masterpact NT	NT10H1 NT12H1 NT16H1	NT10H2 NT12H2 NT16H2				NT10L1
	Masterpact NW	NW10N1 NW12N1 NW16N1		NW10H1 NW12H1 NW16H1	NW10L1 NW12L1 NW16L1		
Type of Canalis busbar trunking		KTA1600					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NS		NS1250N NS1600N	NS1250H NS1600H NS1600bN NS2000N			
	Masterpact MTZ1	MTZ1 12 H1/H2/H3 MTZ1 16 H1/H2/H3	MTZ1 12 H2/H3 MTZ1 16 H2/H3	MTZ1 12 H3 MTZ1 16 H3			
	Masterpact MTZ2	MTZ2 12 N1/H1/H2/L1 MTZ2 16 N1/H1/H2/L1 MTZ2 20 N1/H1/H2/H3/L1	MTZ2 12 H1/H2/L1 MTZ2 16 H1/H2/L1 MTZ2 20 H1/H2/H3/L1		MTZ2 12 L1 MTZ2 16 L1 MTZ2 20 L1		
	Masterpact NT	NT12H1 NT16H1	NT12H2 NT16H2				
	Masterpact NW	NW12N1 NW16N1 NW20H1		NW12H1 NW16H1 NW20H1		NW12L1 NW16L1 NW20L1	
Type of Canalis busbar trunking		KTA1600 PER Reinforced short-circuit level					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NS		NS1250N	NS1250H NS1600H NS1600bN NS2000N	NS1600bH NS2000H		
	Masterpact MTZ1	MTZ1 12 H1/H2/H3 MTZ1 16 H1/H2/H3	MTZ1 12 H2/H3 MTZ1 16 H2/H3	MTZ1 12 H3 MTZ1 16 H3			
	Masterpact MTZ2	MTZ2 12 N1/H1/H2/L1 MTZ2 16 N1/H1/H2/L1 MTZ2 20 N1/H1/H2/H3/L1	MTZ2 12 H1/H2/L1 MTZ2 16 H1/H2/L1 MTZ2 20 H1/H2/H3/L1		MTZ2 12 H2/L1 MTZ2 16 H2/L1 MTZ2 20 H2/H3/L1	MTZ2 12 L1 MTZ2 16 L1 MTZ2 20 L1	
	Masterpact NT	NT12H1 NT16H1	NT12H2 NT16H2				
	Masterpact NW	NW12N1 NW16N1		NW12H1 NW16H1 NW20H1	NW12H2 NW16H2 NW20H2		NW12L1 NW16L1 NW20L1
Type of Canalis busbar trunking		KTA2000					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NS			NS1600bN NS2000N			
	Masterpact MTZ1	MTZ1 16 H1/H2/H3	MTZ1 16 H2/H3	MTZ1 16 H3			
	Masterpact MTZ2	MTZ2 16 N1/H1/H2/L1 MTZ2 20 N1/H1/H2/H3/L1	MTZ2 16 H1/H2/L1 MTZ2 20 H1/H2/H3/L1		MTZ2 16 L1 MTZ2 20 L1		
	Masterpact NT	NT16H1	NT16H2				
	Masterpact NW	NW16N1 NW20H1 NW25H1		NW16H1 NW20H1 NW25H1		NW 16 L1 NW20L1	

Type of Canalis busbar trunking		KTA2000 Reinforced short-circuit level						
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	150 kA	
Type of circuit breaker	Compact NS			NS1600bN NS2000N	NS1600bH NS2000H			
	Masterpact MTZ1	MTZ1 16 H1/H2/H3	MTZ1 16 H2/H3	MTZ1 16 H3				
	Masterpact MTZ2	MTZ2 16 N1/H1/H2/L1 MTZ2 20 N1/H1/H2/H3/L1	MTZ2 16 H1/H2/L1 MTZ2 20 H1/H2/H3/L1		MTZ2 16 H2/L1 MTZ2 20 H2/H3/L1 MTZ2 25 H2/H3		MTZ2 16 L1 MTZ2 20 L1	
		MTZ2 25 H1/H2/H3						
	Masterpact NT	NT16H1	NT16H2					
	Masterpact NW	NW16N1 NW20H1 NW25H1		NW16H1 NW20H1 NW25H1		NW16H2 NW20H2 NW25H2	NW16L1 NW20L1	
Type of Canalis busbar trunking		KTA2500						
Isc max kArms		42 kA	50 kA	65 kA	80 kA	100 kA	150 kA	
Type of circuit breaker	Masterpact MTZ2	MTZ2 20 H1/H2/H3/L1 MTZ2 25 H1/H2/H3 MTZ2 32 H1/H2/H3			MTZ2 20 H2/H3/L1 MTZ2 25 H2/H3 MTZ2 32 H2/H3	MTZ2 20 L1	MTZ2 20 L1	
	Masterpact NW			NW20H1 NW25H1 NW32H1	NW20H2 NW25H2 NW32H2	NW20L1	NW20L1	
Type of Canalis busbar trunking		KTA2500 Reinforced short-circuit level						
Isc max kArms		42 kA	50 kA	65 kA	80 kA	100 kA	110 kA	
Type of circuit breaker	Masterpact MTZ2	MTZ2 20 H1/H2/H3/L1 MTZ2 25 H1/H2/H3 MTZ2 32 H1/H2/H3			MTZ2 20 H2/H3/L1 MTZ2 25 H2/H3 MTZ2 32 H2/H3		MTZ2 20 H3/L1 ⁽¹⁾ MTZ2 25 H3 MTZ2 32 H3	
	Masterpact NW			NW20H1 NW25H1 NW32H1		NW20H2 NW25H2 NW32H2	NW20L1 (150 kA) NW25H3 NW32H3	
Type of Canalis busbar trunking		KTA3200						
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	110 kA	
Type of circuit breaker	Masterpact MTZ2	MTZ2 25 H1/H2/H3 MTZ2 32 H1/H2/H3 MTZ2 40 H1/H2/H3			MTZ2 25 H2/H3 MTZ2 32 H2/H3 MTZ2 40 H2/H3			
	Masterpact MTZ3	MTZ3 40 H1/H2						
	Masterpact NW			NW25H1 NW32H1 NW40H1	NW25H2 NW32H2 NW40H2 NW40bH1			
Type of Canalis busbar trunking		KTA3200 Reinforced short-circuit level						
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	110 kA	
Type of circuit breaker	Masterpact MTZ2	MTZ2 25 H1/H2/H3 MTZ2 32 H1/H2/H3 MTZ2 40 H1/H2/H3			MTZ2 25 H2/H3 MTZ2 32 H2/H3 MTZ2 40 H2/H3		MTZ2 25 H3 MTZ2 32 H3 MTZ2 40 H3	
	Masterpact MTZ3	MTZ3 40 H1/H2					MTZ3 40 H2	
	Masterpact NW			NW25H1 NW32H1 NW40H1		NW25H2 NW32H2 NW40H2 NW40bH1	NW32H3 NW40H3 NW40bH2	
Type of Canalis busbar trunking		KTA4000						
Isc max kArms		42 kA	50 kA	65 kA	90 kA	100 kA	110 kA	
Type of circuit breaker	Masterpact MTZ2	MTZ2 32 H1/H2/H3 MTZ2 40 H1/H2/H3			MTZ2 32 H2/H3 MTZ2 40 H2/H3			
	Masterpact MTZ3	MTZ3 40 H1/H2 MTZ3 50 H1/H2						
	Masterpact NW			NW32H1 NW40H1 NW40bH1 NW50H1	NW32H2 NW40H2 NW40bH1 NW50H1			
Type of Canalis busbar trunking		KTA4000 Reinforced short-circuit level						
Isc max kArms		42 kA	50 kA	65 kA	90 kA	100 kA	120 kA	
Type of circuit breaker	Masterpact MTZ2	MTZ2 32 H1/H2/H3 MTZ2 40 H1/H2/H3			MTZ2 32 H2/H3 MTZ2 40 H2/H3		MTZ2 32 H3 MTZ2 40 H3	
	Masterpact MTZ3	MTZ3 40 H1/H2 MTZ3 50 H1/H2					MTZ3 40 H2 MTZ3 50 H2	
	Masterpact NW			NW32H1 NW40H1 NW40bH1 NW50H1		NW32H2 NW40H2 NW40bH1 NW50H1	NW32H3 NW40H3 NW40bH2 NW50H2	
Type of Canalis busbar trunking		KTA5000 / KTA 5000 Reinforced short-circuit level						
Isc max kArms		42 kA	50 kA	65 kA	90 kA	100 kA	120 kA	
Type of circuit breaker	Masterpact MTZ2		MTZ2 32 H1/H2/H3 MTZ2 40 H1/H2/H3		MTZ2 32 H2/H3 MTZ2 40 H2/H3		MTZ2 32 H3 MTZ2 40 H3	
	Masterpact MTZ3		MTZ3 40 H1/H2 MTZ3 50 H1/H2 MTZ3 63 H1/H2					MTZ3 40 H2 MTZ3 50 H2 MTZ3 63 H2
	Masterpact NW			NW32H1 NW40H1 NW40bH1 NW50H1		NW32H2 NW40H2 NW40bH1 NW50H1		

Type of Canalis busbar trunking		KTC1000					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NS		NS800N NS1000N NS1250N				NS800L NS1000L
	Masterpact MTZ1	MTZ1 08 H1/H2/H3/L1 MTZ1 10 H1/H2/H3/L1 MTZ1 12 H1/H2/H3	MTZ1 08 H2/H3/L1 MTZ1 10 H2/H3/L1 MTZ1 12 H2/H3	MTZ1 08 L1 MTZ1 10 L1			
	Masterpact MTZ2	MTZ2 08 N1/H1/H2/L1 MTZ2 10 N1/H1/H2/L1 MTZ2 12 N1/H1/H2/L1	MTZ2 08 H1/H2/L1 MTZ2 10 H1/H2/L1 MTZ2 12 H1/H2/L1				
	Masterpact NT	NT08H1 NT10H1 NT12H1	NT08H2 NT10H2 NT12H2				NT08L1 NT10L1
	Masterpact NW	NW08N1 NW10N1 NW12N1	NW08H1 NW10H1 NW12H1				
Type of Canalis busbar trunking		KTC1000 Reinforced short-circuit level					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NS		NS800N NS1000N	NS800H NS1000H NS1250H			NS800L NS1000L
	Masterpact MTZ1	MTZ1 08 H1/H2/H3/L1 MTZ1 10 H1/H2/H3/L1 MTZ1 12 H1/H2/H3	MTZ1 08 H2/H3/L1 MTZ1 10 H2/H3/L1 MTZ1 12 H2/H3	MTZ1 08 H3/L1 MTZ1 10 H3/L1 MTZ1 12 H3	MTZ1 08 L1 MTZ1 10 L1		
	Masterpact MTZ2	MTZ2 08 N1/H1/H2/L1 MTZ2 10 N1/H1/H2/L1 MTZ2 12 N1/H1/H2/L1	MTZ2 08 H1/H2/L1 MTZ2 10 H1/H2/L1 MTZ2 12 H1/H2/L1		MTZ2 08 L1 MTZ2 10 L1 MTZ2 12 L1		
	Masterpact NT	NT08H1 NT10H1 NT12H1	NT08H2 NT10H2 NT12H2				NT08L1 NT10L1
	Masterpact NW	NW08N1 NW10N1 NW12N1		NW08H1 NW10H1 NW12H1	NW08L1 NW10L1 NW12L1		
Type of Canalis busbar trunking		KTC1350					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NS		NS1000N NS1250N NS1600N				NS1000L
	Masterpact MTZ1	MTZ1 10 H1/H2/H3/L1 MTZ1 12 H1/H2/H3 MTZ1 16 H1/H2/H3	MTZ1 10 H2/H3/L1 MTZ1 12 H2/H3 MTZ1 16 H2/H3	MTZ1 10 L1			
	Masterpact MTZ2	MTZ2 10 N1/H1/H2/L1 MTZ2 12 N1/H1/H2/L1 MTZ2 16 N1/H1/H2/L1	MTZ2 10 H1/H2/L1 MTZ2 12 H1/H2/L1 MTZ2 16 H1/H2/L1				
	Masterpact NT	NT10H1 NT12H1 NT16H1	NT10H2 NT12H2 NT16H2				NT10L1
	Masterpact NW	NW10N1 NW12N1 NW16N1	NW10H1 NW12H1 NW16H1				
Type of Canalis busbar trunking		KTC1350 Reinforced short-circuit level					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NS		NS1000N NS1250N NS1600N	NS1000H NS1250H NS1600H			NS1000L
	Masterpact MTZ1	MTZ1 10 H1/H2/H3/L1 MTZ1 12 H1/H2/H3 MTZ1 16 H1/H2/H3	MTZ1 10 H2/H3/L1 MTZ1 12 H2/H3 MTZ1 16 H2/H3	MTZ1 10 H3/L1 MTZ1 12 H3 MTZ1 16 H3	MTZ1 10 L1		
	Masterpact MTZ2	MTZ2 10 N1/H1/H2/L1 MTZ2 12 N1/H1/H2/L1 MTZ2 16 N1/H1/H2/L1	MTZ2 10 H1/H2/L1 MTZ2 12 H1/H2/L1 MTZ2 16 H1/H2/L1		MTZ2 10 L1 MTZ2 12 L1 MTZ2 16 L1		
	Masterpact NT	NT10H1 NT12H1 NT16H1	NT10H2 NT12H2 NT16H2				NT10L1
	Masterpact NW	NW10N1 NW12N1 NW16N1		NW10H1 NW12H1 NW16H1	NW10L1 NW12L1 NW16L1		

Type of Canalis busbar trunking		KTC1600					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NS		NS1250N NS1600N	NS1250H NS1600H NS1600bN NS2000N			
	Masterpact MTZ1	MTZ1 12 H1/H2/H3 MTZ1 16 H1/H2/H3	MTZ1 12 H2/H3 MTZ1 16 H2/H3	MTZ1 12 H3 MTZ1 16 H3			
	Masterpact MTZ2	MTZ2 12 N1/H1/H2/L1 MTZ2 16 N1/H1/H2/L1 MTZ2 20 N1/H1/H2/H3/L1	MTZ2 12 H1/H2/L1 MTZ2 16 H1/H2/L1 MTZ2 20 H1/H2/H3/L1		MTZ2 12 L1 MTZ2 16 L1 MTZ2 20 L1		
	Masterpact NT	NT12H1 NT16H1	NT12H2 NT16H2				
	Masterpact NW	NW12N1 NW16N1 NW20H1		NW12H1 NW16H1 NW20H1		NW12L1 NW16L1 NW20L1	
Type of Canalis busbar trunking		KTC1600 Reinforced short-circuit level					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NS		NS1250N	NS1250H NS1600H NS1600bN NS2000N	NS1600bH NS2000H		
	Masterpact MTZ1	MTZ1 12 H1/H2/H3 MTZ1 16 H1/H2/H3	MTZ1 12 H2/H3 MTZ1 16 H2/H3	MTZ1 12 H3 MTZ1 16 H3			
	Masterpact MTZ2	MTZ2 12 N1/H1/H2/L1 MTZ2 16 N1/H1/H2/L1 MTZ2 20 N1/H1/H2/H3/L1	MTZ2 12 H1/H2/L1 MTZ2 16 H1/H2/L1 MTZ2 20 H1/H2/H3/L1		MTZ2 12 H2/L1 MTZ2 16 H2/L1 MTZ2 20 H2/H3/L1	MTZ2 12 L1 MTZ2 16 L1 MTZ2 20 L1	
	Masterpact NT	NT12H1 NT16H1	NT12H2 NT16H2				
	Masterpact NW	NW12N1 NW16N1		NW12H1 NW16H1 NW20H1	NW12H2 NW16H2 NW20H2		NW12L1 NW16L1 NW20L1
Type of Canalis busbar trunking		KTC2000					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NS			NS1600bN NS2000N			
	Masterpact MTZ1	MTZ1 16 H1/H2/H3	MTZ1 16 H2/H3	MTZ1 16 H3			
	Masterpact MTZ2	MTZ2 16 N1/H1/H2/L1 MTZ2 20 N1/H1/H2/H3/L1	MTZ2 16 H1/H2/L1 MTZ2 20 H1/H2/H3/L1 MTZ2 25 H1/H2/H3		MTZ2 16 L1 MTZ2 20 L1		
	Masterpact NT	NT16H1	NT16H2				
	Masterpact NW	NW16N1 NW20H1 NW25H1		NW16H1 NW20H1 NW25H1		NW 16 L1 NW20L1	
Type of Canalis busbar trunking		KTC2000 Reinforced short-circuit level					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	150 kA
Type of circuit breaker	Compact NS			NS1600bN NS2000N	NS1600bH NS2000H		
	Masterpact MTZ1	MTZ1 16 H1/H2/H3	MTZ1 16 H2/H3	MTZ1 16 H3			
	Masterpact MTZ2	MTZ2 16 N1/H1/H2/L1 MTZ2 20 N1/H1/H2/H3/L1	MTZ2 16 H1/H2/L1 MTZ2 20 H1/H2/H3/L1 MTZ2 25 H1/H2/H3		MTZ2 16 H2/L1 MTZ2 20 H2/H3/L1 MTZ2 25 H2/H3		MTZ2 16 L1 MTZ2 20 L1
	Masterpact NT	NT16H1	NT16H2				
	Masterpact NW	NW16N1 NW20H1 NW25H1		NW16H1 NW20H1 NW25H1		NW16H2 NW20H2 NW25H2	NW16L1 NW20L1
Type of Canalis busbar trunking		KTC2500					
Isc max kArms		42 kA	50 kA	65 kA	80 kA	100 kA	150 kA
Type of circuit breaker	Masterpact MTZ2	MTZ2 20 H1/H2/H3/L1 MTZ2 25 H1/H2/H3 MTZ2 32 H1/H2/H3			MTZ2 20 H2/H3/L1 MTZ2 25 H2/H3 MTZ2 32 H2/H3	MTZ2 20 L1	
	Masterpact NW			NW20H1 NW25H1 NW32H1	NW20H2 NW25H2 NW32H2	NW20L1	NW20L1
Type of Canalis busbar trunking		KTC2500 Reinforced short-circuit level					
Isc max kArms		42 kA	50 kA	65 kA	80 kA	100 kA	110 kA
Type of circuit breaker	Masterpact MTZ2	MTZ2 20 H1/H2/H3/L1 MTZ2 25 H1/H2/H3 MTZ2 32 H1/H2/H3			MTZ2 20 H2/H3/L1 MTZ2 25 H2/H3 MTZ2 32 H2/H3	MTZ2 20 H3/L1 ⁽¹⁾ MTZ2 25 H3 MTZ2 32 H3	
	Masterpact NW			NW20H1 NW25H1 NW32H1		NW20H2 NW25H2 NW32H2	N:20L1 (150 kA) NW25H3 NW32H3

Type of Canalis busbar trunking		KTC3200					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	110 kA
Type of circuit breaker	Masterpact MTZ2	MTZ2 25 H1/H2/H3 MTZ2 32 H1/H2/H3 MTZ2 40 H1/H2/H3			MTZ2 25 H2/H3 MTZ2 32 H2/H3 MTZ2 40 H2/H3		
	Masterpact MTZ3	MTZ3 40 H1/H2					
	Masterpact NW			NW25H1 NW32H1 NW40H1	NW25H2 NW32H2 NW40H2 NW40bH1		
Type of Canalis busbar trunking		KTC3200 Reinforced short-circuit level					
Isc max kArms		42 kA	50 kA	65 kA	85 kA	100 kA	110 kA
Type of circuit breaker	Masterpact MTZ2	MTZ2 25 H1/H2/H3 MTZ2 32 H1/H2/H3 MTZ2 40 H1/H2/H3			MTZ2 25 H2/H3 MTZ2 32 H2/H3 MTZ2 40 H2/H3		MTZ2 25 H3 MTZ2 32 H3 MTZ2 40 H3
	Masterpact MTZ3	MTZ3 40 H1/H2					
	Masterpact NW			NW25H1 NW32H1 NW40H1		NW25H2 NW32H2 NW40H2 NW40bH1	NW32H3 NW40H3 NW40bH2
Type of Canalis busbar trunking		KTC4000					
Isc max kArms		42 kA	50 kA	65 kA	90 kA	100 kA	110 kA
Type of circuit breaker	Masterpact MTZ2	MTZ2 32 H1/H2/H3 MTZ2 40 H1/H2/H3			MTZ2 32 H2/H3 MTZ2 40 H2/H3		
	Masterpact MTZ3	MTZ3 40 H1/H2 MTZ3 50 H1/H2					
	Masterpact NW			NW32H1 NW40H1 NW40bH1 NW50H1	NW32H2 NW40H2 NW40bH1 NW50H1		
Type of Canalis busbar trunking		KTC4000 Reinforced short-circuit level					
Isc max kArms		42 kA	50 kA	65 kA	90 kA	100 kA	120 kA
Type of circuit breaker	Masterpact MTZ2	MTZ2 32 H1/H2/H3 MTZ2 40 H1/H2/H3			MTZ2 32 H2/H3 MTZ2 40 H2/H3		MTZ2 32 H3 MTZ2 40 H3
	Masterpact MTZ3	MTZ3 40 H1/H2 MTZ3 50 H1/H2					MTZ3 40 H2 MTZ3 50 H2
	Masterpact NW			NW32H1 NW40H1 NW40bH1 NW50H1		NW32H2 NW40H2 NW40bH1 NW50H1	NW32H3 NW40H3 NW40bH2 NW50H2
Type of Canalis busbar trunking		KTC5000					
Isc max kArms		42 kA	50 kA	65 kA	95 kA	100 kA	110 kA
Type of circuit breaker	Masterpact MTZ2	MTZ2 32 H1/H2/H3 MTZ2 40 H1/H2/H3			MTZ2 32 H2/H3 MTZ2 40 H2/H3		
	Masterpact MTZ3	MTZ3 40 H1/H2 MTZ3 50 H1/H2 MTZ3 63 H1/H2					
	Masterpact NW			NW40H1	NW40H2 NW40bH1 NW50H1 NW63H1		
Type of Canalis busbar trunking		KTC5000 Reinforced short-circuit level					
Isc max kArms		42 kA	50 kA	65 kA	90 kA	100 kA	120 kA
Type of circuit breaker	Masterpact MTZ2	MTZ2 32 H1/H2/H3 MTZ2 40 H1/H2/H3			MTZ2 32 H2/H3 MTZ2 40 H2/H3		MTZ2 32 H3 MTZ2 40 H3
	Masterpact MTZ3	MTZ3 40 H1/H2 MTZ3 50 H1/H2 MTZ3 63 H1/H2					MTZ3 40 H2 MTZ3 50 H2 MTZ3 63 H2
	Masterpact NW			NW40H1 NW40bH1 NW50H1 NW63H1		NW40H2 (y 95 kA) NW40bH1 (y 95 kA) NW50H1 (y 95 kA) NW63H1 (y 95 kA)	NW40H3 NW40bH2 NW50H2 NW63H2
Type of Canalis busbar trunking		KTC6300 / KTC6300 Reinforced short-circuit level					
Isc max kArms		42 kA	50 kA	65 kA		100 kA	120 kA
Type of circuit breaker	Masterpact MTZ3		MTZ2 32 H1/H2/H3 MTZ2 40 H1/H2/H3			MTZ2 32 H2/H3 MTZ2 40 H2/H3	MTZ2 32 H3 MTZ2 40 H3
	Masterpact MTZ3			MTZ3 40 H1/H2 MTZ3 50 H1/H2 MTZ3 63 H1/H2			MTZ3 40 H2 MTZ3 50 H2 MTZ3 63 H2