

Fuse switch-disconnector, 50A, 3p

Part no. Z-SLS/CEK50/3
Catalog No. 248246

Delivery program

			Current coding through fuse set sealable Infeed possible from both sides
			Complete with captive current coding Standard, empty
Rated operational voltage			50 - 400 V AC
Number of poles			3 pole
Rated uninterrupted current I_u at max. cross-section	I_u	A	50
Fuse cartridge		Size	D02: 25 - 63 A D01: 10 - 16 A

Technical data

Electrical

Number of poles			3P
Rated operational voltage	U_e	V	
Rated operating voltage	U_e	V AC	50-400
Rated operational current	I_e	A	50
Rated uninterrupted current	I_u	A	50
Rated short-circuit making capacity	I_{cm}		50 kAeff
Switching category			AC 22 B
Overvoltage category			IV
Rated impulse withstand voltage	U_{imp}	kV	6
Current heat loss per contact at I_e		W	0.5
Power loss			
Heat dissipation per contact with fuse link at I_e		W	5,7

Mechanical

Standard front dimension		mm	45
Enclosure height		mm	86
Mounting width		mm	27 per pole (1.5 MU)
Weight		g	147 441
Mounting			Quick fastening on DIN rail according to IEC/EN 60715
Degree of protection			IP20
Terminals			Lift terminals
Terminal capacities		mm ²	
Solid		mm ²	1.5 - 35
Temperature range		°C	-25 ... +60
Flammability classification according to UL94			V0, glow-wire test 960°C
Terminal screw tightening torque		Nm	max. 4
Overvoltage category/pollution degree			III/3

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	50
Heat dissipation per pole, current-dependent	P_{vid}	W	5.7
Equipment heat dissipation, current-dependent	P_{vid}	W	17.1
Static heat dissipation, non-current-dependent	P_{vs}	W	0
Operating ambient temperature min.		°C	-25

Operating ambient temperature max.	°C	40
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Technical data ETIM 8.0

Circuit breakers and fuses (EG000020) / D0-system switch disconnecter (EC000277)		
Electric engineering, automation, process control engineering / Electrical installation, device / Safety fuse systems / Neozed switch disconnecter (ecl@ss10.0.1-27-14-21-10 [AKE282013])		
Number of poles		3
Construction size		D02
Rated voltage	V	400
Rated current	A	50