


**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			60 - 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	400
Rated uninterrupted current	$I_u$	A	50
Rated short-circuit making capacity	$I_{cm}$		50 kAeff
Switching category			A 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	7.5

### Mechanical

Standard front dimension		mm	45
Enclosure height		mm	86
Mounting width		mm	27/per pole (1.5 SU)
Weight		g	147 441
Mounting			Quick attachment for top-hat rail IEC/EN 60715
Degree of protection			IP20
Terminals			Lift terminals
Terminal capacities		mm <sup>2</sup>	
Solid		mm <sup>2</sup>	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. 4.5

## 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

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