DATASHEET - IZMX-ST48DC-1



Shunt release 48 VDC

Part no.IZMX-ST48DC-1Catalog No.184268Alternate Catalog67C2820G64No.EL-NummerO004398611(Norway)



Delivery program

Product range			Accessories
Accessories			Remote switching
Accessories			Shunt release (for power circuit breaker)
			Can be combined with an undervoltage release or a second shunt release. Retrofitting kit
Maximum operating frequency	Actuations/ minute		3
			Limited to 3/min due to the high pick-up current for 35 ms. Please note - the circuit-breaker's switching frequency = 60/h
Rated control voltage	Us	V	48 V DC
Operating range	x U _S	Factor	0,7 - 1,1
max. holding current	In	А	0.089
max. pick-up current (35ms)	In	А	10
max. continuous power	AC/DC	VA/W	5
max. pull-in power (35ms)	AC/DC	VA/W	530
Circuit-breaker total switching time	@ U _S =100%	ms	30 (IZMX16, INX16) 35 (IZMX40, INX40)
For use with			IZMX16, IZMX40 INX16, INX40
Instructions			The retrofit kit includes the required SEC control cable terminals.

Design verification as per IEC/EN 61439

Technical data for design verification		
Operating ambient temperature min.	°C	-25
Operating ambient temperature max.	°C	70

Technical data ETIM 7.0

Rated control supply voltage Us at AC 50HZ V 0 - 0 Rated control supply voltage Us at AC 60HZ V 0 - 0 Rated control supply voltage Us at AC 60HZ V 0 - 0 Rated control supply voltage Us at AC 60HZ V 0 - 0 Rated control supply voltage Us at AC 60HZ V 0 - 0 Voltage type for actuating V 0 - 0 Initial value of the undelayed short-circuit release - setting range A 0 End value adjustment range undelayed short-circuit release A 0 Fype of electric connection A 0 Number of contacts as normally open contact C 0 Number of contacts as change-over contact C 0 Suitable for power circuit breaker Suitable for off-load switch Yes Suitable for motor safety switch Kes Kes	Low-voltage industrial components (EG000017) / Shunt release (for power circuit breaker) (EC001023)						
Rated control supply voltage Us at AC 60HZ V 0 - 0 Rated control supply voltage Us at DC V 48 - 48 Voltage type for actuating DC DC Initial value of the undelayed short-circuit release - setting range A 0 End value adjustment range undelayed short-circuit release A 0 Vumber of contacts as normally open contact A 0 Number of contacts as normally closed contact Image: Contact Section Contact Image: Contact Section Contact Suitable for off-load switch Image: Contact Section Contact Image: Contact Section Contact Section Contact Image: Contact Section Contact Section Contact Suitable for off-load switch Image: Contact Section Contact Section Contact Image: Contact Section Contact Section Contact Image: Contact Section Contact Section Contact Section Contact Image: Contact Section C	Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Full load current trip (ecl@ss10.0.1-27-37-04-18 [AKF016013])						
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Type of electric connection Flat plug-in connection Number of contacts as normally open contact 0 Number of contacts as normally closed contact 0 Number of contacts as change-over contact 0 Suitable for power circuit breaker 6 Suitable for off-load switch 6 Suitable for motor safety switch 6	Initial value of the undelayed short-circuit release - setting range	ŀ	4	0			
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Number of contacts as change-over contact Image: Contacts as change-over contacts Image: Contacts as chang	Number of contacts as normally open contact			0			
Suitable for power circuit breaker Yes Suitable for off-load switch Yes Suitable for motor safety switch No	Number of contacts as normally closed contact			0			
Suitable for motor safety switch No	Number of contacts as change-over contact			0			
Suitable for motor safety switch No	Suitable for power circuit breaker			Yes			
	Suitable for off-load switch			Yes			
Suitable for overload relay No	Suitable for motor safety switch			No			
	Suitable for overload relay			No			