DATASHEET - IZMX-ST60DC-1



Shunt release 60 VDC

Part no. IZMX-ST60DC-1 Catalog No. 184270 Alternate Catalog 67C2820G65 No. EL-Nummer 0004398613 (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	60 V DC
Operating range	x U _S	Factor	0,7 - 1,1
max. holding current	I _n	А	0.07
max. pick-up current (35ms)	I _n	А	7.84
max. continuous power	AC/DC	VA/W	5
max. pull-in power (35ms)	AC/DC	VA/W	540
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 D D Initial value of the undelayed short-circuit release - setting range A 0 Ind value adjustment range undelayed short-circuit release A 0 Vippe of electric connection Fat plug-in connection Fat plug-in connection Number of contacts as normally open contact O O O Number of contacts as change-over contact Fat plug-in connection D D Suitable for power circuit breaker Suitable for off-load switch V Pas Suitable for motor safety switch Kes No No	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 60 - 60 Voltage type for actuating DC DC Initial value of the undelayed short-circuit release - setting range A 0 Sind value adjustment range undelayed short-circuit release A 0 Ype of electric connection Fat plug-in connection Fat plug-in connection Number of contacts as normally closed contact C 0 Number of contacts as change-over contact C 0 Suitable for off-load switch Yes Yes Suitable for off-load switch Yes Yes	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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Number of contacts as change-over contact 0 Suitable for power circuit breaker Ves Suitable for off-load switch Ves Suitable for motor safety switch No	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			