DATASHEET - +IZMX-ST110AD



Shunt release (for power circuit breaker);110-125VAC/DC

Powering Business Worldwide*

Part no. +IZMX-ST110AD Catalog No. 123696

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.
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	U_s	V	110 - 127 V AC 50/60 Hz 110 - 125 V DC
Operating range	xU_S	Factor	0,7 - 1,1
max. holding current	In	Α	0.071
max. pick-up current (35ms)	In	Α	5.54
max. continuous power	AC/DC	VA/W	10

540

22

IZMX16..., IZMX40... INX16..., INX40...

VA/W

ms

AC/DC

@ U_S=100%

Notes

For use with

max. pull-in power (35ms)

Circuit-breaker total switching time

Suitable for continuous commands (100% DF)

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

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]) Rated control supply voltage Us at AC 50HZ Rated control supply voltage Us at AC 60HZ Rated control supply voltage Us at AC 60HZ Rated control supply voltage Us at AC 60HZ VV 110 - 125 Voltage type for actuating Initial value of the undelayed short-circuit release - setting range A 0 Flat plug-in connection Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as normally closed contact Number of contacts as change-over contact Suitable for power circuit breaker Suitable for motor safety switch No No No No No No No No No N	10011110d1 data 211111 710					
Rated control supply voltage Us at AC 50HZ Rated control supply voltage Us at AC 60HZ Rated control supply voltage Us at AC 60HZ V 110 - 127 Rated control supply voltage Us at DC V 110 - 125 Voltage type for actuating AC/DC Initial value of the undelayed short-circuit release - setting range A 0 End value adjustment range undelayed short-circuit release A 0 Type of electric connection Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as normally closed contact Number of contacts as change-over contact Suitable for off-load switch Suitable for motor safety switch No	Low-voltage industrial components (EG000017) / Shunt release (for power circuit breaker) (EC001023)					
Rated control supply voltage Us at AC 60HZ V 110 - 127 Rated control supply voltage Us at DC V 110 - 125 Voltage type for actuating AC/DC Initial value of the undelayed short-circuit release - setting range A 0 End value adjustment range undelayed short-circuit release A 0 Type of electric connection Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as normally closed contact Number of contacts as change-over contact Suitable for power circuit breaker Suitable for motor safety switch No	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])					
Rated control supply voltage Us at DC Voltage type for actuating AC/DC Initial value of the undelayed short-circuit release - setting range A 0 End value adjustment range undelayed short-circuit release A 0 Type of electric connection Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Suitable for power circuit breaker Suitable for off-load switch Suitable for motor safety switch V 110 - 125 AC/DC A 0 Flat plug-in connection 0 0 0 Visitable for off-load switch Ves Ves Suitable for motor safety switch No	Rated control supply voltage Us at AC 50HZ		V	110 - 127		
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End value adjustment range undelayed short-circuit release A 0 Type of electric 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 Suitable for off-load switch Suitable for motor safety switch A 0 Flat plug-in connection 0 Ves Number of contacts as normally open contact Ves No	Voltage type for actuating			AC/DC		
Type of electric connection Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Number of contacts as change-over contact Suitable for power circuit breaker Suitable for off-load switch Yes Suitable for motor safety switch Flat plug-in connection O Number of contacts as normally closed contact O No	Initial value of the undelayed short-circuit release - setting range		Α	0		
Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Suitable for power circuit breaker Suitable for off-load switch Yes Suitable for motor safety switch No	End value adjustment range undelayed short-circuit release		Α	0		
Number of contacts as normally closed contact Number of contacts as change-over contact Suitable for power circuit breaker Suitable for off-load switch Yes Suitable for motor safety switch No	Type of electric connection			Flat plug-in connection		
Number of contacts as change-over contact Suitable for power circuit breaker Yes Suitable for off-load switch Yes 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 off-load switch Yes 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		