## DATASHEET - IZMX-ST24DC-1



Shunt release 24 VDC

No.

(Norway)

IZMX-ST24DC-1 Part no. Catalog No. 184266 Alternate Catalog 67C2820G63 **EL-Nummer** 4398609



## **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	24 V DC
Operating range	x U <sub>S</sub>	Factor	0,7 - 1,1
max. holding current	I <sub>n</sub>	А	0.18
max. pick-up current (35ms)	I <sub>n</sub>	А	19
max. continuous power	AC/DC	VA/W	5
max. pull-in power (35ms)	AC/DC	VA/W	500
Circuit-breaker total switching time	@ U <sub>S</sub> =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 Rated control supply voltage Us at AC 60HZ Rated control supply volt	Low-voltage industrial components (EG000017) / Shunt release (for power circuit breaker) (EC001023)						
Rated control supply voltage Us at AC 60HZ voltage Us at AC 60HZ voltage Us at AC 60HZ voltage Us at DC voltage Us at	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       24 - 24         Voltage type for actuating       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       Flat plug-in connection       Flat plug-in connection         Number of contacts as normally open contact       O       0         Number of contacts as normally closed contact       O       0         Suitable for power circuit breaker       O       0         Suitable for off-load switch       Yes       Yes         Suitable for motor safety switch       Yes       Yes	Rated control supply voltage Us at AC 50HZ		V	0 - 0			
Voltage type for actuating         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         Fat plug-in connection         Fat plug-in connection           Number of contacts as normally open contact         Fat plug-in connection         0           Number of contacts as normally closed contact         Fat plug-in connection         0           Number of contacts as change-over contact         Fat plug-in connection         0           Suitable for power circuit breaker         Fat plug-in connection         Fat plug-in connection           Suitable for off-load switch         Fat plug-in connection         Fat plug-in connection	Rated control supply voltage Us at AC 60HZ		V	0 - 0			
Initial value of the undelayed short-circuit release - setting range End value adjustment range undelayed short-circuit release 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 Suitable for power circuit breaker Suitable for off-load switch Suitable for motor safety switch	Rated control supply voltage Us at DC		V	24 - 24			
End value adjustment range undelayed short-circuit release A for a flat plug-in connection Flat plug-i	Voltage type for actuating			DC			
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 normally closed 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		А	0			
Number of contacts as normally open contact     Image: Contacts as normally open contact       Number of contacts as normally closed contact     Image: Contacts as normally closed contact       Number of contacts as change-over contact     Image: Contacts as change-over contact       Suitable for power circuit breaker     Image: Contacts as normally closed contact       Suitable for off-load switch     Image: Contacts as normally closed contact       Suitable for motor safety switch     Image: Contacts as normally closed contact	End value adjustment range undelayed short-circuit release		А	0			
Number of contacts as normally closed contact     Image: Contacts as normally closed contact       Number of contacts as change-over contact     Image: Contacts as change-over contact       Suitable for power circuit breaker     Image: Contacts as change-over contact       Suitable for off-load switch     Image: Contacts as change-over contact       Suitable for motor safety switch     Image: Contacts as change-over contact	Type of electric connection			Flat plug-in connection			
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			