



**Shunt release 48 VDC**

**Part no.** IZMX-ST48DC-1  
**Catalog No.** 184268  
**Alternate Catalog No.** 67C2820G64  
**EL-Nummer (Norway)** 0004398611

**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	$U_s$	V	48 V DC
Operating range	$x U_s$	Factor	0,7 - 1,1
max. holding current	$I_n$	A	0.089
max. pick-up current (35ms)	$I_n$	A	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...
<b>Instructions</b>			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**

Low-voltage industrial components (EG000017) / Shunt release (for power circuit breaker) (EC001023)			
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 $U_s$ at AC 50HZ		V	0 - 0
Rated control supply voltage $U_s$ at AC 60HZ		V	0 - 0
Rated control supply voltage $U_s$ at DC		V	48 - 48
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
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			Yes
Suitable for off-load switch			Yes
Suitable for motor safety switch			No
Suitable for overload relay			No