



**Shunt release 48 VDC**

**Part no. IZMX-ST48DC**  
**Catalog No. 123656**

**EL-Nummer (Norway) 0004357371**

### 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	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	22
For use with		IZMX16..., IZMX40... INX16..., INX40...
<b>Instructions</b>		An additional control circuit terminal block is required for retrofitting. For fixed mounting circuit-breakers → #156593 and withdrawable unit circuit-breakers → #156590
<b>Notes</b>		
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

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