

KERMAZ

Power relay SR 853

TÜV 02 ATEX 1824



Description

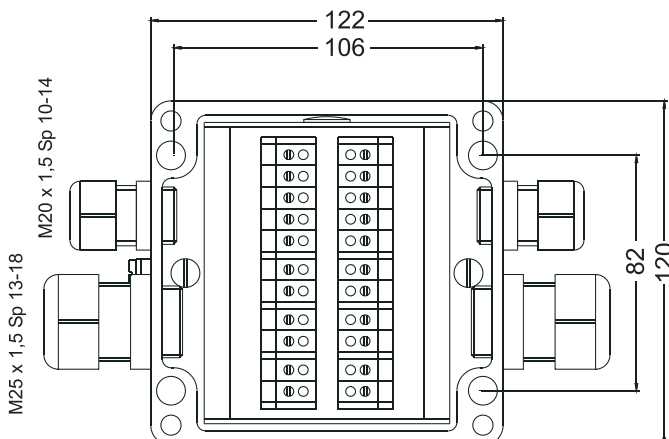
The power relay SR853 is designed to **separate** non intrinsically safe **feed lines** in combination with a purging system; inside hazardous areas.

For this purpose the SR853 has **4 galvanically separated relay contacts**, which open if the control voltage is low. The opening is safe with one fault (acc EN 954-1, cat 3), because there are two independent serial relay contacts for each line. The four relay contacts combined with the high switch power (**400 V, 16 A, 4 kW**) can disconnect a three-phase system with one compact unit.

Using the terminal pairs 1/2 and 12/13 it is possible to cascade several power relays units.

The SR853 is available as compact power relay inside of a EEx e housing, as module without housing for mounting inside of a separate certificated EEx e housing or optional for mounting on a 35 mm rail acc. EN 50022.

Dimensions SR853.X.0



housing height: 90 mm

Technical details

Line voltage	AC: 230V, 120V, 24V; 48 ..62 Hz, DC: 24V
Ex-protection	EEx e q II T4
Device group	II 2 G
Certificate	TÜV 02 ATEX 1824
Mounting	Hazardous area
Ambient temperature	-20°C .. 60°C
Switch power	AC: max. 420 V, 16 A DC: max. 28 V, 16 A 4000 VA (cos φ = 0,7)
Max cable diameter	4 mm ²
Power consumption	ca. 5 W
Housing protection	IP65 (SR853.X.0)
Dimensions	Housing: 120 x 122 x 90 mm Module: 85 x 106 x 70 mm
Housing material	Aluminium, powder-coated, RAL 7035

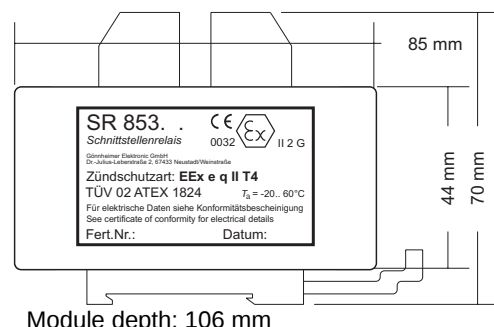
See certificate TÜV 02 ATEX 1824 for more information

Type code

Power relay	SR 853	.	.
Line voltage	230 V AC	.0	
	120 V AC	.2	
	24 V AC and DC	.6	
housing:			
With EEx e housing		.0	
without Ex e housing and 2 threaded bolts M6		.1	
without Ex e housing mounting on 35 mm rail		.2	

More voltages on demand

Dimensions module SR853.X.2



Module depth: 106 mm

