

## Extension module - PSR-SCP- 24UC/URM/5X1/2X2 - 2963747

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Universal safety relay with forcibly guided contacts, 5 N/O contacts, 2 N/C contacts, single-channel, plug-in terminal blocks with screw connection, width: 22.5 mm

### Why buy this product

- Like all PSR safety relays, equipped with forcibly guided contacts according to EN 50205
- Single-channel control



### Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4017918482145
Weight per Piece (excluding packing)	181.100 g
Custom tariff number	85364900
Country of origin	Germany

### Technical data

#### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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#### Dimensions

Width	22.5 mm
Height	99 mm
Depth	114.5 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 55 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Max. permissible relative humidity (operation)	75 % (on average, 85% infrequently, non-condensing)
Max. permissible humidity (storage/transport)	75 % (on average, 85% infrequently, non-condensing)

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### Technical data

#### Ambient conditions

Shock	15g
Vibration (operation)	10 Hz ... 150 Hz, 2g
Maximum altitude	max. 2000 m (Above sea level)

#### Input data

Rated control circuit supply voltage $U_s$	24 V DC -15 % / +10 %
Power consumption at $U_s$	typ. 1.2 W
Rated control supply current $I_s$	typ. 47 mA
Inrush current	typ. 350 mA DC ( )
Typ. starting time with $U_s$	20 ms
Typical release time	20 ms
Recovery time	< 500 ms
Status display	Green LED
Maximum switching frequency	0.5 Hz

#### Output data

Contact type	5 enabling current paths
Contact material	AgSnO <sub>2</sub>
Minimum switching voltage	10 V AC/DC
Maximum switching voltage	250 V AC/DC (Observe the load curve)
Limiting continuous current	6 A (N/O contact)
	3 A (N/C contact)
Inrush current, minimum	10 mA
Maximum inrush current	6 A
Sq. Total current	72 A <sup>2</sup>
Interrupting rating (ohmic load) max.	144 W (24 V DC, $\tau = 0$ ms)
	288 W (48 V DC, $\tau = 0$ ms)
	240 W (60 V DC, $\tau = 0$ ms)
	110 W (110 V DC, $\tau = 0$ ms)
	88 W (220 V DC, $\tau = 0$ ms)
	1380 VA ( )
Maximum interrupting rating (inductive load)	42 W (24 V DC, $\tau = 40$ ms)
	42 W (48 V DC, $\tau = 40$ ms)
	42 W (60 V DC, $\tau = 40$ ms)
	42 W (110 V DC, $\tau = 40$ ms)
	42 W (220 V DC, $\tau = 40$ ms)
Switching capacity	min. 50 mW
Output fuse	10 A gL/gG (N/O contact)
	6 A gL/gG (N/C contact)

#### General