TERMSERIES
TRP 48VUC 1CO AGSNO

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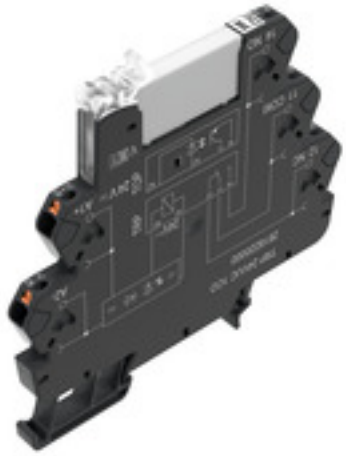
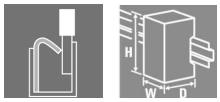
Product image



Similar to illustration



TERMSERIES relay module, complete modules consisting of
a relay and a base with AC/DC/UC coils,
available in different versions:

- With screw and tension-clamp connection
- Optionally with multiple-voltage input: 24...230 V UC
- With various protective circuits
  in the input (free-wheel diode, RC element)
- Illuminated ejection lever

General ordering data

Type	TRP 48VUC 1CO AGSNO
Order No.	2617890000
Version	TERMSERIES, Relay module, Number of contacts: 1 CO contact AgSnO, Rated control voltage: 48 V UC ±10 %, Continuous current: 6 A, PUSH IN with actuator
GTIN (EAN)	4050118670943
Qty.	10 pc(s).

Creation date April 30, 2020 11:56:13 AM CEST

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Technical data

Dimensions and weights

Width	6.4 mm	Width (inches)	0.252 inch
Height	89.4 mm	Height (inches)	3.52 inch
Depth	87.8 mm	Depth (inches)	3.457 inch
Net weight	30 g		

Temperatures

Humidity	5-95% relative humidity, T_u = 40°C, without condensation	Operating temperature, max.	60 °C
Operating temperature, min.	-40 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C	Operating temperature	-40 °C...60 °C
Storage temperature	-40 °C...85 °C		

Rated data UL

Ambient temperature (operational), max.	60 °C	Output current derating (ohmic)	5 A @ 60 °C, 6 A @ 55 °C
Connection cross-section AWG, min.	AWG 26	Connection cross-section AWG, max.	AWG 14
Type of conductor	rigid copper conductor, flexible copper conductor	Pollution severity level	2
Altitude	≤ 2000 m, above sea level		

Input

Rated control voltage	48 V UC ± 10 %	Rated current AC	8 mA
Rated current DC	7 mA	Power rating	240 mVA / 192 mW
Pull-in/drop-out voltage, typ.	32 V / 9 V AC 33 V / 8.5 V DC	Pull-in/drop-out current, typ.	5.3 mA / 1.2 mA AC 4.5 mA / 0.8 mA DC
Status indicator	Green LED	Protective circuit	Rectifier
Coil voltage of the replacement relay deviating from the rated control voltage	Yes	Coil voltage of the replacement relay	24 V DC

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	250 V
Max. switching voltage, DC	250 V	Continuous current	6 A
Inrush current	30 A / 20 ms	AC switching capacity (resistive), max.	1500 VA
DC switching capacity (resistive), max.	144 W @ 24 V	Switch-on delay	≤ 9 ms
Switch-off delay	< 25 ms	Min. switching power	100 mA @ 12 V
Max. switching frequency at rated load	0.1 Hz		

Contact data

Contact type	1 CO contact (AgSnO)	Mechanical service life	5 x 10^6 switching cycles

General data

Rail	TS 35	Test button	No
Mechanical switch position indicator	No	Colour	black
UL 94 flammability rating	V-0		