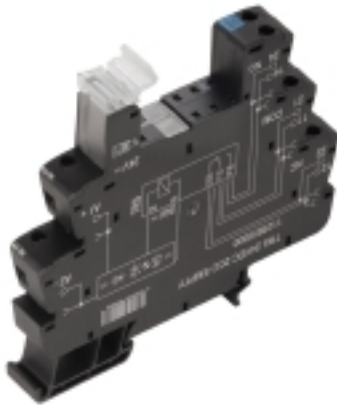


TRS 230VAC RC 2CO EMPTY**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

TERMSERIES empty sockets with:

- 2 CO contacts
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, DC: blue, UC: white
- Due to high-quality design and no sharp edges no risk of injuries during installation
- Partition plates for optical separation and reinforcement of insulation

General ordering data

Version	TERMSERIES, Relay socket, Number of contacts: 2, CO contact, Rated control voltage: 230 V AC $\pm 10\%$, Continuous current: 10 A, Screw connection
Order No.	1124050000
Type	TRS 230VAC RC 2CO EMPTY
GTIN (EAN)	4032248905874
Qty.	10 pc(s).

Creation date September 16, 2022 12:18:51 AM CEST

Catalogue status 09.09.2022 / We reserve the right to make technical changes.

TRS 230VAC RC 2CO EMPTY
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com
Technical data
Dimensions and weights

Depth	87.8 mm	Depth (inches)	3.457 inch
Height	89.6 mm	Height (inches)	3.528 inch
Width	12.8 mm	Width (inches)	0.504 inch
Net weight	42 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...60 °C
---------------------	----------------	-----------------------	----------------

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Rated data UL

Ambient temperature (operational), max. 60 °C		Output current derating (ohmic)	6 A @ 60 °C, 8 A @ 50 °C
Connection cross-section AWG, min.	AWG 26	Connection cross-section AWG, max.	AWG 14
Type of conductor	rigid copper conductor, flexible copper conductor	Tightening torque, max.	0.4 Nm
Pollution severity level	2	Certificate No. (cURus)	E223759

Control side

Rated control voltage	230 V AC $\pm 10\%$	Status indicator	Green LED
Protective circuit	Rectifier, RC element	RC filter	94 Ω / 100 nF
Coil voltage of the replacement relay deviating from the rated control voltage	Yes	Coil voltage of the replacement relay	110 V DC

Load side

Rated switching voltage	250 V AC	Continuous current	10 A
Contact type	2 CO contact		

General data

Operating altitude	≤ 2000 m, above sea level		
Rail	TS 35		
Colour	black		
UL94 flammability rating component	Component	Housing	
	UL94 flammability rating	V-0	
	Component	Retaining clip	
	UL94 flammability rating	V-0	

Insulation coordination

Rated voltage	300 V	Pollution severity	2
Surge voltage category	III	Clearance and creepage distances for control side - load side	≥ 5.5 mm
Dielectric strength for control side - load side	1.2 kV _{eff} / 5 s	Dielectric strength of neighbouring contacts	2.5 kV _{eff}
Dielectric strength to mounting rail	4 kV _{eff} / 1 Min.	Impulse withstand voltage	6 kV (1.2/50 μ s)
Protection degree	IP20		

TRS 230VAC RC 2CO EMPTY

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Further details of approvals / standards

Certificate No. (cURus) E223759

Connection data

Wire connection method	Screw connection	Stripping length, rated connection	8 mm
Tightening torque, max.	0.4 Nm	Clamping range, rated connection	1.5 mm ²
Clamping range, min.	0.14 mm ²	Clamping range, max.	2.5 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 14
Wire cross-section, solid, min.	0.14 mm ²	Wire cross-section, solid, max.	2.5 mm ²
Wire cross-section, solid, min. (AWG)	AWG 26	Wire cross-section, solid, max. (AWG)	AWG 14
Wire connection cross section, finely stranded, min.	0.14 mm ²	Wire connection cross section, finely stranded, max.	2.5 mm ²
Wire cross-section, finely stranded, min. (AWG)	AWG 26	Wire cross-section, finely stranded, max. (AWG)	AWG 14
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.25 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.25 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	2.5 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	1 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Twin wire-end ferrules, max.	1 mm ²
Blade size	size PH0	Pitch in mm (P)	5 mm
Gauge to IEC 60947-1	A1, B1		

Classifications

ETIM 6.0	EC001456	ETIM 7.0	EC001456
ETIM 8.0	EC001456	ECLASS 9.0	27-37-16-03
ECLASS 9.1	27-37-16-03	ECLASS 10.0	27-37-16-03
ECLASS 11.0	27-37-16-03	ECLASS 12.0	27-37-16-03

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E223759

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
User Documentation	Beipackzettel / Package Insert – multilingual
Catalogues	Catalogues in PDF-format
Brochures	

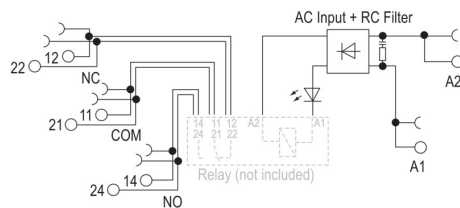
TRS 230VAC RC 2CO EMPTY

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

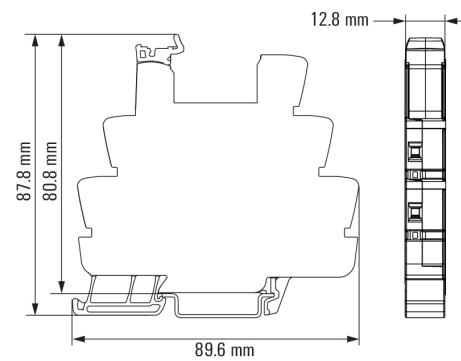
www.weidmueller.com

Drawings

Wiring diagram



Dimensional drawing



TRS 230VAC RC 2CO EMPTY

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Drawings

Miscellaneous

Type code TERMSERIES electromechanical relay versions



Type codes