

TOPL 12-60VUC 230VAC0.1A**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

The all-rounder. Compact relay modules, 6 mm width with extensive accessories, maximum vibration resistance, and unlimited cross-connection possibilities.

- 0.1 A AC output current
- 1 NO contact
- Compatible with the complete range of TERMSERIES accessories
- 100 % vibration-proof thanks to enclosed design

General ordering data

Version	Rated control voltage: 12...60 V UC $\pm 10\%$, Rated switching voltage: 230 V AC, Continuous current: 0.1 A, PUSH IN
Order No.	2773520000
Type	TOPL 12-60VUC 230VAC0.1A
GTIN (EAN)	4064675037293
Qty.	10 items

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Technical data
Approvals

Approvals



UL File Number Search

UL Website

Certificate no. (cULus)

E141197

Dimensions and weights

Depth	62.5 mm	Depth (inches)	2.4606 inch
Height	89.4 mm	Height (inches)	3.5197 inch
Width	6.4 mm	Width (inches)	0.252 inch
Net weight	28 g		

Temperatures

Storage temperature	-40 °C...85 °C	Ambient temperature	-40 °C...60 °C
Operating temperature		Humidity	5-85% relative humidity, Tu = 40°C, without condensation

Probability of failure

MTTF	805 a
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Control side

Rated control voltage	12...60 V UC ±10 %	Status indicator	Green LED
Protective circuit	Suppressor diode	Input frequency	45 - 65 Hz

Load side

Rated switching voltage	230 V AC	Rated switching current	100 mA
Switch-on delay	< 12 ms	Switch-off delay	< 45ms
Short-circuit-proof	No	Protective circuit, load side	Suppressor diode
Contact type	1 NO contact (Triac)		

General data

Operating altitude	≤ 2000 m, above sea level		
Mounting rail	TS 35		
Test button available	No		
Mechanical switch position indicator	No		
Colour	black		
UL94 flammability rating component	Component	Housing	
	UL94 flammability rating	V-0	
	Component	Relay status indicator	
	UL94 flammability rating	V-2	
	Component	Pusher	
	UL94 flammability rating	V-0	

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Insulation coordination

Pollution severity	2	Surge voltage category	III
Clearance and creepage distances for control side - load side	≥ 8 mm	Dielectric strength for control side - load side	4 kVeff / 1 Min.
Type of isolation at input and output	reinforced insulation	Dielectric strength to mounting rail	4 kVeff
Protection degree	IP20		

Further details of approvals / standards

Certificate no. (cULus)	E141197
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Connection data

Stripping length	9 mm	Wire connection method	PUSH IN
Stripping length, rated connection	9 mm	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.	0.5 mm ²	Wire cross-section, solid, max.	1.5 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.	0.35 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.	0.14 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm ²
Conductor cross-section, flexible with wire end ferrule (DIN 46228-1), min.	0.5 mm ²	Conductor cross-section, flexible with wire end ferrule (DIN 46228-1), max.	1.5 mm ²
Blade size	0.6 x 3.5 mm		

Classifications

ETIM 8.0	EC001504	ETIM 9.0	EC001504
ETIM 10.0	EC001504	ECLASS 14.0	27-37-16-04
ECLASS 15.0	27-37-16-04		

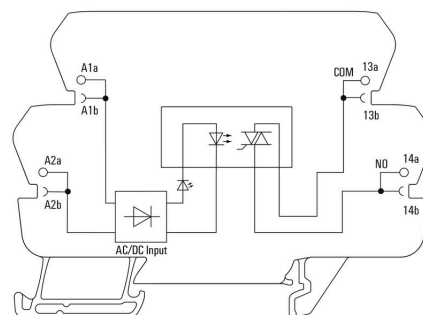
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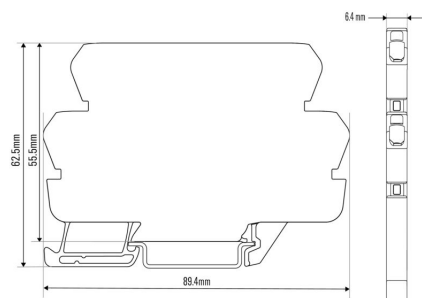
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Drawings

Wiring diagram



Dimensional drawing



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Drawings
Miscellaneous
Type code solid-state relay
