

TOPL 230VAC 48VDC0.5A**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.

- 0.5 A DC 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: 230 V AC $\pm 10\%$, Rated switching voltage: 0...48 V DC, Continuous current: 500 mA, PUSH IN
Order No.	2773590000
Type	TOPL 230VAC 48VDC0.5A
GTIN (EAN)	4064675037361
Qty.	10 items

TOPL 230VAC 48VDC0.5A

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

www.weidmueller.com

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

Control side

Rated control voltage	230 V AC $\pm$ 10 %	Status indicator	Green LED
Protective circuit	Suppressor diode	Input frequency	DC

Load side

Rated switching voltage	0...48 V DC	Rated switching current	500 mA
Switch-on delay	15 ms	Switch-off delay	8.5 ms for AC input
Short-circuit-proof	No	Protective circuit, load side	Suppressor diode
Contact type	1 NO contact (Bipolar transistor)		

General data

Operating altitude	$\leq$ 2000 m, above sea level		
Mounting rail	TS 35		
Test button available	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	

Insulation coordination

Pollution severity	2	Surge voltage category	III
Clearance and creepage distances for control side - load side	$\geq$ 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		

TOPL 230VAC 48VDC0.5A
Weidmüller Interface GmbH & Co. KG

 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com
Technical data
Further details of approvals / standards

Certificate no. (cULus) E141197

Connection data

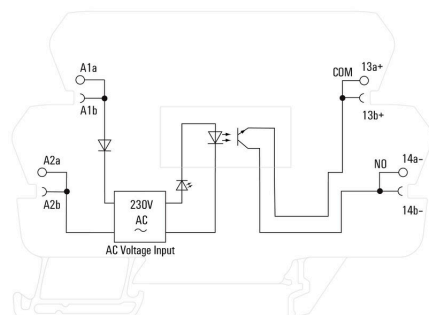
Stripping length	9 mm	Wire connection method	PUSH IN
Stripping length, rated connection	9 mm	Clamping range, rated connection	1.5 mm ²
Clamping range, min.	0.14 mm ²	Clamping range, max.	2.5 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 14
Wire cross-section, 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

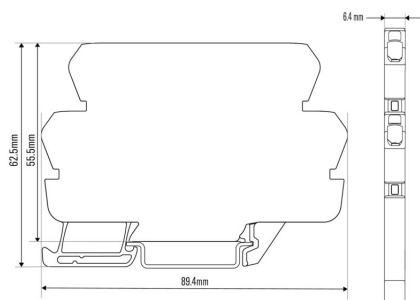
ETIM 8.0	EC001504	ETIM 9.0	EC001504
ETIM 10.0	EC001504	ECLASS 14.0	27-37-16-04
ECLASS 15.0	27-37-16-04		

Drawings

Wiring diagram



Dimensional drawing



Miscellaneous

Type code solid-state relay

