

Relaisblock Paragraph 14a

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

www.weidmueller.com

Product image

Implementation of the requirements of §14a EnWG
For controllable consumption devices, the control in accordance with the FNN pulse for the relay assignment of §14a EnWG systems:

- two relays according to "FNN-2bit" coding by direct control (on/off/dimming to minimum power)
- via two relays according to "FNN-2bit" coding using an EMS (on/off/dimming to minimum power)
- Single contact control with the functions On/Off

General ordering data

Version	TERMSERIES-compact, Number of contacts: 4, CO contact AgNi, Rated control voltage: 230 V AC ±10 %, Continuous current: 6 A, PUSH IN, Screw connection, Test button available: No
Order No.	8000157526
Type	Relaisblock Paragraph 14a
GTIN (EAN)	4099987351980
Qty.	1 items

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Technical data

Dimensions and weights

Depth	64.3 mm	Depth (inches)	2.5315 inch
Height	98.9 mm	Height (inches)	3.8937 inch
Width	68.2 mm	Width (inches)	2.685 inch
Net weight	365.26 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-40 °C...60 °C
Operating temperature		Humidity	5-85% relative humidity, Tu = 40°C, without condensation

Control side

Rated control voltage	230 V AC ±10 %	Status indicator	Green LED
Input frequency	45 - 65 Hz		

Load side

Rated switching voltage	250 V AC	Max. switching voltage, AC	250 V
Max. switching voltage, DC	250 V	Inrush current	20 A / 20 ms
Switch-on delay	≤ 16 ms	Switch-off delay	≤ 20 ms
Contact type	4 CO contact (AgNi)		

General data

Operating altitude	≤ 2000 m, above sea level	Mounting rail	TS 35
Test button available	No	Mechanical switch position indicator	No

Insulation coordination

Rated voltage	300 V	Protection degree	IP20
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Connection data

Wire connection method	PUSH IN, Screw connection	Stripping length, rated connection	9 mm
Clamping range, min.	0.14 mm ²	Clamping range, max.	25 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 4
Wire cross-section, solid, min.	0.5 mm ²	Wire cross-section, solid, max.	25 mm ²
Wire cross-section, solid, min. (AWG)	AWG 26	Wire connection cross section, finely stranded, min.	0.35 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	25 mm ²	Blade size	0.6 x 3.5 mm

Classifications

ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

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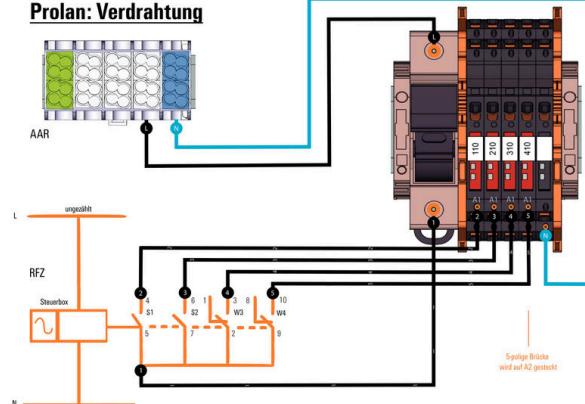
Drawings

Product image



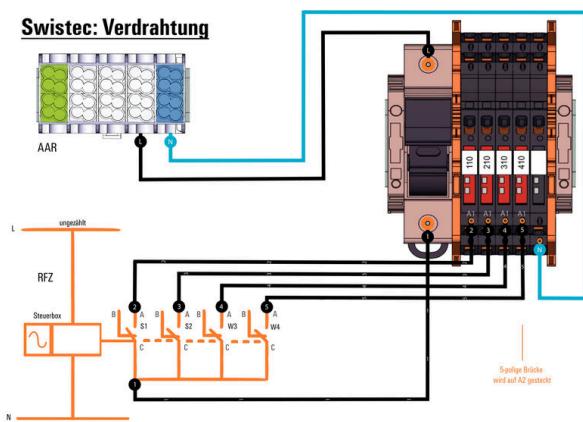
Wiring

Prolan: Verdrahtung



Wiring

Swistec: Verdrahtung



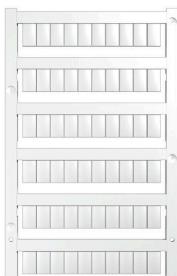
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Accessories

Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	WS 10/6 M MC NE WS	Version
Order No.	1818400000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248310876	Allen-Bradley, white
Qty.	600 ST	

Slotted screwdriver



VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

General ordering data

Type	SDS 0.6X3.5X100	Version
Order No.	2749810000	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade
GTIN (EAN)	4050118897012	thickness (A): 0.6 mm
Qty.	1 ST	
Type	SDS 0.6X3.5X100	Version
Order No.	2749340000	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade
GTIN (EAN)	4050118895568	thickness (A): 0.6 mm
Qty.	1 ST	

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Partition plate



Versatile separation plates
Separation plates can be used to group together signals visually, to electrically isolate modules and to insert markings for a better overview. This makes them a particularly versatile accessory. Separation plates increase the clearance and creepage distances between two modules, thus increasing the rated insulation voltage between two modules to up to 600 V. Double separation plates can be marked with WAD5 or WS10/5 markers and enable continuous cross-connections. Installation is made easier with the perforations to individually break out the cross-connection channels.

- Partition plates visually separates groups from each other
- Indentations for individual breaking out the crossconnection channels
- Partition plates isolates between two modules by increasing the clearance and creepage distances of up to 600 V

General ordering data

Type	TXL PP	Version
Order No.	2774090000	TERMSERIES-compact, Partition plate
GTIN (EAN)	4064675037866	
Qty.	10 ST	

Supply module



Space-saving feed-in terminals
For easy feed-in of neutral or negative potentials at the input of switched potentials at the output. Cross-connections enable space-saving connection of sensors and actuators without additional feed-through terminal blocks.

General ordering data

Type	TXPL S	Version
Order No.	2774100000	TERMSERIES-compact, Supply module, PUSH IN
GTIN (EAN)	4064675037873	
Qty.	1 ST	