14A-9 EEG-AAR KLEMMBLOCK-BDEW 6TR

For compliant grid connection according to §14a EnWG, Weidmüller provides suitable terminal blocks and relay blocks for safe implementation of controllable consumption devices (SVE).
Grid operator compliant installation – clear, modular and easy to integrate into control cabinets and serial applications

General ordering data

Version	PUSH IN, 2.5 mm², 400 V, 16 A, dark beige
Order No.	8000177103
Type	14A-9 EEG-AAR KLEMMBLOCK-BDEW 6TR
GTIN (EAN)	4099987917575
Qty.	1 items

Creation date 07.03.2026 08:01:22 MEZ

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Technical data

Dimensions and weights

Depth	38.4 mm	Depth (inches)	1.5118 inch
Height	77 mm	Height (inches)	3.0315 inch
Width	44.7 mm	Width (inches)	1.7598 inch
Net weight	79 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Basic material	Wemid	Insulating material	Wemid
Colour	dark beige	Colour of operational elements	orange
UL 94 flammability rating	V-0		

System specifications

End cover plate required	No	Number of potentials	6
Number of levels	1	Number of clamping points per level	12
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Mounting rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

With snap-in pegs	No	Open sides	Open
Type of fixing	Snap-on	Installation advice	Rail
Explosion-tested version	No	Type of mounting	TS 35

Conductors for clamping (additional connection)

Connection type, additional connection	PUSH IN

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 12
Connection direction	top	Stripping length	10 mm
Type of connection 2	PUSH IN	Type of connection	PUSH IN
Number of connections	12	Clamping range, max.	4 mm²
Clamping range, min.	0.14 mm²	Blade size	SD 0.6 x 3.5
Wire connection cross section AWG, min.	AWG 28	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.14 mm²	Wire connection cross section, finely stranded, max.	2.5 mm²
Wire connection cross section, finely stranded, min.	0.14 mm²	Connection cross-section, stranded, max.	2.5 mm²
Connection cross-section, stranded, min.	0.14 mm²	Twin wire-end ferrules, max.	0.75 mm²

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Twin wire-end ferrules, min.	0.5 mm²	Wire connection cross-section, solid core, max.	2.5 mm²
Wire connection cross-section, solid core, min.	0.14 mm²		

General

Number of poles	6	Wire connection cross section AWG, max.	AWG 12
Installation advice	Rail	Wire connection cross section AWG, min.	AWG 28
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	2.5 mm²	Rated voltage	400 V
Nominal current	16 A	Current at maximum wires	16 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Power loss in accordance with IEC 60947-7-x	0.77 mW	Pollution severity	3

Classifications

ETIM 8.0	EC000902	ETIM 9.0	EC000902
ETIM 10.0	EC000902	ECLASS 14.0	27-25-01-09
ECLASS 15.0	27-25-01-09		

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Accessories

Testadapter and testsockets

Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	FZS 2/4 RT/80 SAKT4	Version	
Order No.	1276300000	Plug (terminal), Plug-in connection, 2 mm², Number of connections: 2,	
GTIN (EAN)	4008190026080	Number of poles: 1, Width: 9 mm	
Qty.	20 ST		