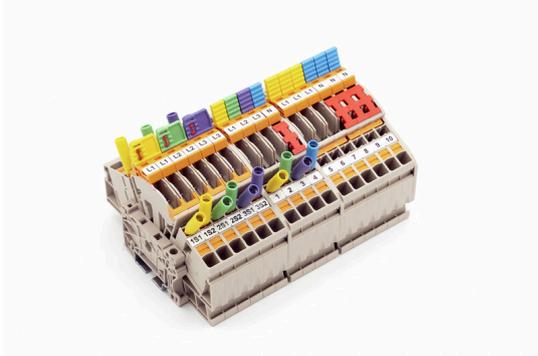


TAR NS VDE-AR-N 4100

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

www.weidmueller.com



With our pre-assembled SET's for instrument transformer wiring you save time and storage costs. We offer various application setups including all relevant accessories and including labeling in one complete package.

General ordering data

Version	PUSH IN, 6 mm ² , 500 V, 30 A, dark beige
Order No.	8000174149
Type	TAR NS VDE-AR-N 4100
GTIN (EAN)	4099987879460
Qty.	1 items

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Technical data

Dimensions and weights

Depth	79.1 mm	Depth (inches)	3.1142 inch
Height	100 mm	Height (inches)	3.937 inch
Width	147.9 mm	Width (inches)	5.8228 inch
Net weight	616 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	Colour	dark beige
Colour of operational elements	orange	UL 94 flammability rating	V-0

System specifications

End cover plate required	No	Number of levels	1
Number of clamping points per level	32	Levels cross-connected internally	No

Additional technical data

Open sides	right	Snap-on	Yes
Type of mounting	Snap-on		

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A5	Wire connection cross section AWG, max.	AWG 8
Connection direction	top	Stripping length	12 mm
Type of connection	PUSH IN	Number of connections	32
Clamping range, max.	10 mm ²	Clamping range, min.	0.5 mm ²
Blade size	0.8 x 4.0 mm	Wire connection cross section AWG, min.	AWG 22
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross section, finely stranded, max.	10 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Connection cross-section, stranded, max.	6 mm ²	Connection cross-section, stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

General

Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22
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Technical data

Rating data

Rated cross-section	6 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	30 A
Current at maximum wires	30 A	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	1.31 mW
Surge voltage category	III	Pollution severity	3

Classifications

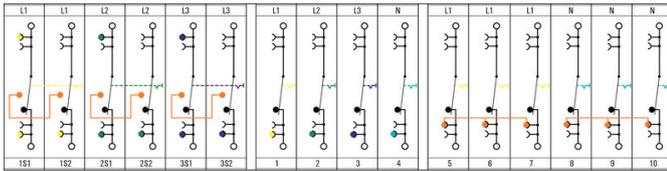
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ETIM 10.0	EC000902	ECLASS 14.0	27-25-01-09
ECLASS 15.0	27-25-01-09		

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Drawings

www.weidmueller.com



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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 mm ² , Number of connections: 2,	
GTIN (EAN)	4008190026080	Number of poles: 1, Width: 9 mm	
Qty.	20 ST		