

ZNT 6 S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Building installation wiring**

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

General ordering data

Order No.	1808320000
Type	ZNT 6 S
GTIN (EAN)	403224828055 1
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Depth	49.2 mm	Depth (inches)	1.937 inch
Depth including DIN rail	50.09 mm	Height	64.35 mm
Height (inches)	2.533 inch	Net weight	17.2 g
Width	8.1 mm	Width (inches)	0.319 inch

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50
Continuous operating temp., max.	120		

Material data

Material	Wemid	Colour	blue
UL 94 flammability rating	V-0		

System specifications

Version	Tension-clamp connection, With busbar connection, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	1	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	Yes
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Open sides	right	Type of mounting	Snap-on

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	10 mm ²
Clamping range, min.	0.5 mm ²	Connection direction	Inclined / angled
Gauge to IEC 60947-1	A5	Number of connections	1
Stripping length	12 mm	Type of connection	Tension-clamp connection
Wire connection cross section, finely stranded, max.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 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 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, solid core, max.	10 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

Dimensions

TS 35 offset	32.5 mm
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Technical data**General**

Installation advice	Direct mounting	Rail	TS 35
Standards	In accordance with IEC 60947-7-1		

Rating data

Power loss in accordance with IEC 60947-7-x	1.31 W	Rated cross-section	6 mm ²
Rated voltage	250 V	Rated current	41 A
Current at maximum wires	41 A	Standards	In accordance with IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage	4 kV
Pollution severity	3		

Classifications

ETIM 6.0	EC001329	ETIM 7.0	EC001329
ECLASS 9.0	27-14-11-25	ECLASS 9.1	27-14-11-25
ECLASS 10.0	27-14-11-25	ECLASS 11.0	27-14-11-25

Approvals

Approvals



ROHS

Conform

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Approval/Certificate/Document of Conformity	EAC certificate Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
User Documentation	Operating instructions_ZDU1.5-ZDU35_ZOV.pdf StorageConditionsTerminalBlocks

Data sheet

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Drawings

