

SAK Series
NT 2.5/35 10X3 BL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

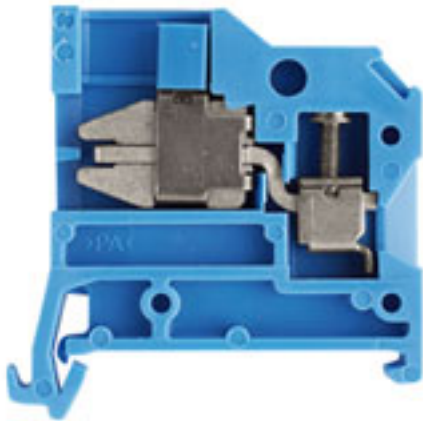
D-32758 Detmold

Germany

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**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	NT 2.5/35 10X3 BL
Order No.	0471780000
Version	SAK Series, Neutral conductor modular terminal, Rated cross-section: 2.5 mm², Screw connection, Direct mounting
GTIN (EAN)	4008190112820
Qty.	100 pc(s).

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Technical data
Dimensions and weights

Width	6 mm	Width (inches)	0.236 inch
Height	45 mm	Height (inches)	1.772 inch
Depth	44 mm	Depth (inches)	1.732 inch
Net weight	12.44 g		

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C
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Material data

Material	PA 66	Colour	Blue
UL 94 flammability rating	V-2		

System specifications

Tightening torque (clamping screw for copper conductors)	0.5...0.8 Nm	End cover plate required	Yes
Number of potentials	1	Number of levels	1
No. of clamping points per level	1	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Mounting 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

CSA rating data

Certificate No. (CSA)	12400-160	Current size B (CSA)	25 A
Current size C (CSA)	25 A	Current size D (CSA)	10 A
Voltage size B (CSA)	300 V	Voltage size C (CSA)	300 V
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	22 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm ²	Connection type, additional connection	Busbar connection
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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.	0.33 mm ²	Clamping screw	M 2.5
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	0.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	A3
Number of connections	2	Stripping length	10 mm
Tightening torque, max.	0.8 Nm	Tightening torque, min.	0.5 Nm
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section, finely stranded, max.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 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.	2.5 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, min.	0.5 mm ²	Wire connection cross-section, solid core, max.	4 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

Dimensions

TS 35 offset	19.5 mm
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PE rating data

PEN function	No
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Rating data

Rated cross-section	2.5 mm ²	Rated voltage	400 V
Rated current	24 A	Current at maximum wires	24 A
Standards	In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size C (UR)	20 A
Voltage size C (UR)	300 V		

Classifications

ETIM 3.0	EC001257	ETIM 4.0	EC001257
ETIM 5.0	EC001257	ETIM 6.0	EC000897
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-38
eClass 6.2	27-14-11-38	eClass 7.1	27-14-11-38
eClass 8.1	27-14-11-38	eClass 9.0	27-14-11-38
eClass 9.1	27-14-11-20		

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Technical data

Product information

Descriptive text technical data	Tightening torque via isolator is 0.5..0.8 Nm.
Instructions for accessories	Refer to the "Accessories" section for PEN bridges and additional clamping-yoke versions. Use of twin wire-end ferrules on request.

Approvals

Approvals



ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	DE_PT1303_20160418_285_ISSUE01.pdf
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP

Safety note

Safety notice	Safety Information
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