



#### General ordering data

Order No.	0471780000
Part designation	NT 2.5/35 10X3 BL
Version	Neutral conductor modular terminal, 2.5 mm <sup>2</sup> , Screw connection, PA 66, blue, TS 35
EAN	4008190112820
Qty.	100 pc(s).

#### Product notes

Note, technical data	Tightening torque via disconnecter is 0.5 ... 0.8 Nm.
Product description	These NT modular terminals are prescribed for insulation measurements without detaching the conductors according to VDE standards for places of public assembly.
Note, accessories	Refer to the "Accessories" section for PEN bridges and additional clamping-yoke versions. Use of twin wire-end ferrules on request.

#### Additional technical data

Colour of insulating material	blue
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	PA 66
Levels cross-connected internally	No
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 100 °C
Product family	SAK Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V2
Version	Neutral conductor disconnect terminal

#### CSA rating data

Voltage (CSA)	300 V
CSA current	25 A
Min. cross-section (CSA)	AWG 22
Max. cross-section (CSA)	AWG 12

### CSA rating data

#### Conductors for clamping (additional connection)

Stranded, max.	4 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	0.33 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	10 mm
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Tightening torque range	0.5...0.8 Nm
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	4 mm <sup>2</sup>
Stranded, min.	0.5 mm <sup>2</sup>
Stranded, max.	4 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	0.5 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	2.5 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 22
AWG conductor size, max.	AWG 12

#### Dimensions

Width	6 mm
Height of lowest version	44 mm
Length	45 mm

#### N-conductor disconnect terminal

For N-busbar	3 x 10 mm
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#### Rating data

Rated cross-section	2.5 mm <sup>2</sup>
Rated voltage	400 V
Rated impulse voltage	6 kV
Rated current	24 A
Standards	IEC 60947-7-1
Current with max. conductor	24 A
Pollution severity	3

#### UL rating data

Voltage (UL)	300 V
Current (UL)	20 A
Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 12

#### Approvals

Approvals institutes



#### Classifications

ETIM 2.0	EC001257
ETIM 3.0	EC001257
eClass 4.1	27-14-11-20
eClass 5.0	27-14-11-38
eClass 5.1	27-14-11-38

#### Similar products

Order No.	Part designation	Version
0471880000	NT 10/35 10X3 BL	Neutral conductor modular terminal, 10 mm <sup>2</sup> , Busbar connection, PA 66, blue, TS 35
0499280000	NT 16/35 10X3 BL	Neutral conductor modular terminal, 16 mm <sup>2</sup> , Busbar connection, PA 66, blue, TS 35
0501470000	NT 6/35 10X3 KRG/BL	Neutral conductor modular terminal, 6 mm <sup>2</sup> , Screw connection, PA 66, blue, TS 35