

Voltage (CSA)

Min. cross-section (CSA)

Max. cross-section (CSA)

CSA current

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

Product notes	
Note, technical data	Tightening torque via disconnector 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



300 V

25 A

AWG 22

AWG 12

Conductors for clamping (additional connection) Stranded, max. A mm² Flexible with ferrule, min. (DIN 46228 pt 1) 0.5 mm² Clamping range, min. 0.33 mm² Clamping range, min. 0.35 mm² Clamping range min. 0.5 mm² 0.		
Stranded, max	CSA rating data	
Stranded, max	Conductors for clamping (additional	
Stranded, max. 4 mm²		
Flexible with ferrule, max. (DIN 46228 pt 1) 0.5 mm²		∆ mm²
Conductors for clamping (rated connection) Clamping range, min. 0.33 mm² Clamping range, min. 0.33 mm² Clamping range, max. 4 mm² Type of connection Screw connection Connection Screw connection Connection Screwed Connection Screwed Connection Stripping length 10 mm Clamping screw M 2.5 Blade size 0.6 x 3.5 mm Tightening torque range 0.50.8 Nm Gauge to IEC 60947-1 A3 Solid, min. 0.5 mm² Stranded, max. 4 mm² Flexible, min. 0.5 mm² Flexible, min. 6		
Conductors for clamping (rated connection) Clamping range, min. 0.33 mm² Clamping range, max. 4 mm² Type of connection Screw connection 2nd type of connection on side No. of connection 0.5 mm² 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 mm² Stranded, min. 0.5 mm² Stranded, min. 0.5 mm² Stranded, min. 0.5 mm² Flexible, min. 0.5 mm² Flexible with ferrule, max. (DIN 46228/1) 0.5 mm² Flexible, min. 6 mm² Flexible with ferrule, max. (DIN 46228/1) 2.5 mm² Flexible, min. ferrule with plastic collar (DIN 0.5 mm² Flexible, min. ferrule with plastic collar (DIN 0.5 mm² Flexible, min. ferrule with plastic collar (DIN 0.5 mm² Flexible, min. ferrule with plastic collar (DIN 0.5 mm² Flexible max. ferrule with plastic collar (DIN 0.5 mm² Flexible max. ferrule with plastic collar (DIN 0.5 mm² Flexible max. ferrule with plastic collar (DIN 0.5 mm² Flexible max. ferrule with plastic collar (DIN 0.5 mm² Flexible max. ferrule with plastic collar (DIN 0.5 mm² Flexible max. ferrule with plastic collar (DIN 0.5 mm² Flexible max. ferrule with plastic collar (DIN 0.5 mm² Flexible max. ferrule with plastic collar (DIN 0.5 mm² Flexible max. ferrule with plastic collar (DIN 0.5 mm² Flexible max. ferrule with plastic collar (DIN 0.5 mm² Flexible max. ferrule with plastic collar (DIN 0.5 mm² Flexible max. ferrule with plastic collar (DIN 0.5 mm² Flexible max. ferrule with plastic collar (DIN 0.5 mm² Flexible with ferrule, max. ferrule with plastic collar (DIN 0.5 mm² Flexible with ferrule, max. ferrule with plastic collar (DIN 0.5 m		
Clamping range, min. 0.33 mm²	riexible with ferrule, max. (Bir 40220 pt 1)	2.5 11111
Clamping range, min. 0.33 mm²	Conductors for clamping (rated connection)	
Clamping range, max. 4 mm² Type of connection Screw connection		0.33 mm ²
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 0.50.8 Nm Gauge to IEC 60947-1 A3 Solid, min. 0.5 mm² Solid, max. 4 mm² Stranded, min. 0.5 mm² Stranded, max. 4 mm² Flexible, min. 0.5 mm² Flexible, min. 0.5 mm² Flexible with ferrule, min. (DIN 46228/1) 0.5 mm² Flexible with ferrule, max. (DIN 46228/1) 0.5 mm² Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) 0.5 mm² Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) 2.5 mm² WG conductor size, min. AWG 22 AWG conductor size, min. AWG 22 AWG conductor size, max. AWG 12 Dimensions 6 mm Width 6 mm Height of lowest		
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 0.50.8 Nm Gauge to IEC 60947-1 A3 Solid, min. 0.5 mm² Stranded, min. 0.5 mm² Stranded, min. 0.5 mm² Stranded, max. 4 mm² Flexible, min. 0.5 mm² Flexible, max. 0.5 mm² Flexible with ferrule, min. (DIN 46228/1) 0.5 mm² Flexible with ferrule, max. (DIN 46228/1) 2.5 mm² Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) 0.5 mm² Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) 4.5 mm² AWG conductor size, min. AWG 22 AWG conductor size, max. AWG 12 Dimensions Width 6 mm Width 6 fowest version 44 mm Length 45 mm N-conductor disconnect terminal 5 mm² For N-busbar 3 x 10 mm Rated cross-section<		
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 0.50.8 Nm Gauge to IEC 60947-1 A3 Solid, min. 0.5 mm² Solid, max. 4 mm² Stranded, min. 0.5 mm² Stranded, max. 4 mm² Flexible, min. 0.5 mm² Flexible, min. 0.5 mm² Flexible, min. 0.5 mm² Flexible with ferrule, min. (DIN 46228/1) 0.5 mm² Flexible with ferrule, max. (DIN 46228/1) 2.5 mm² Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) 0.5 mm² Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) 0.5 mm² AWG conductor size, min. AWG 22 AWG 12 AWG 12 Dimensions Width 6 mm Width 6 mm 44 mm Length 45 mm 45 mm N-conductor disconnect terminal 5 mm² For N-busbar 3 x 10 mm </td <td></td> <td></td>		
No. of connections 2		
Stripping length		
Clamping screw M 2.5		
Blade size		
Tightening torque range Gauge to IEC 60947-1 A3 Solid, min. 0.5 mm² Solid, max. 4 mm² Stranded, min. 0.5 mm² Flexible, min. 0.5 mm² Flexible, min. Flexible, min. Flexible with ferrule, min. (DIN 46228/1) 0.5 mm² Flexible with ferrule, max. (DIN 46228/1) 0.5 mm² Flexible, min., ferrule with plastic collar (DIN 0.5 mm² Flexible, min., ferrule with plastic collar (DIN 0.5 mm² Flexible, max., ferrule with plastic collar (DIN 0.5 mm² 46228 pt 4) AWG conductor size, min. AWG 22 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 Rating data Rated cross-section 2.5 mm² Rated cross-section 40 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	Blade size	
Gauge to IEC 60947-1 A3 Solid, min. 0.5 mm² Solid, max. 4 mm² Stranded, min. 0.5 mm² Stranded, max. 4 mm² Flexible, min. 0.5 mm² Flexible, max. 0.5 mm² Flexible with ferrule, min. (DIN 46228/1) 0.5 mm² Flexible, min., ferrule with plastic collar (DIN 46228/1) 2.5 mm² Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) 0.5 mm² Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) 0.5 mm² AWG conductor size, min. AWG 22 AWG conductor size, max. AWG 12 Dimensions Width Width 6 mm Height of lowest version 44 mm Length 45 mm N-conductor disconnect terminal For N-busbar Rated cross-section 2.5 mm² Rated cross-section 2.5 mm² Rated impulse voltage 6 kV Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	Tightening torque range	0.50.8 Nm
Solid, min. 0.5 mm² Solid, max. 4 mm² Stranded, min. 0.5 mm² Stranded, max. 4 mm² Flexible, min. 0.5 mm² Flexible, min. 0.5 mm² Flexible with ferrule, min. (DIN 46228/1) 0.5 mm² Flexible with ferrule, max. (DIN 46228/1) 2.5 mm² Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) 0.5 mm² Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) 2.5 mm² AWG conductor size, min. AWG 22 AWG conductor size, max. AWG 12 Dimensions Width 6 mm Width 6 mm Height of lowest version 44 mm Length 45 mm N-conductor disconnect terminal To N-busbar 8 atting data 8 atting data Rated cross-section 2.5 mm² Rated impulse voltage 6 kV Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A		A3
Stranded, min. 0.5 mm² Stranded, max. 4 mm² Flexible, min. 0.5 mm² Flexible, max. 0.5 mm² Flexible with ferrule, min. (DIN 46228/1) 0.5 mm² Flexible with ferrule, max. (DIN 46228/1) 2.5 mm² Flexible, min., ferrule with plastic collar (DIN 46228/1) 0.5 mm² 46228 pt 4) 4 Flexible, max., ferrule with plastic collar (DIN 46228/1) 2.5 mm² 46228 pt 4) AWG conductor size, min. AWG conductor size, min. AWG 22 AWG conductor size, max. AWG 12 Dimensions 6 mm Height of lowest version 44 mm Length 45 mm N-conductor disconnect terminal 5 mm² For N-busbar 3 x 10 mm Rating data 8 Rated cross-section 2.5 mm² Rated ovoltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	Solid, min.	0.5 mm ²
Stranded, max. 4 mm² Flexible, min. 0.5 mm² Flexible, max. 0.5 mm² Flexible with ferrule, min. (DIN 46228/1) 0.5 mm² Flexible with ferrule, max. (DIN 46228/1) 2.5 mm² Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) 0.5 mm² Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) 2.5 mm² AWG conductor size, min. AWG 22 AWG conductor size, max. AWG 12 Dimensions Width Width 6 mm Height of lowest version 44 mm Length 45 mm N-conductor disconnect terminal 5 mm For N-busbar 3 x 10 mm Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	Solid, max.	4 mm ²
Flexible, min. Flexible, max. Flexible, max. Flexible with ferrule, min. (DIN 46228/1) Flexible with ferrule, max. (DIN 46228/1) Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) AWG 22 AWG conductor size, min. AWG 22 AWG conductor size, max. AWG 12 Dimensions Width 6 mm Height of lowest version Length N-conductor disconnect terminal For N-busbar Rating data Rated cross-section Rated woltage Aug 12 Au	Stranded, min.	0.5 mm ²
Flexible, max. 0.5 mm² Flexible with ferrule, min. (DIN 46228/1) 0.5 mm² Flexible with ferrule, max. (DIN 46228/1) 2.5 mm² Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) 0.5 mm² Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) 2.5 mm² AWG conductor size, min. AWG 22 AWG conductor size, max. AWG 12 Dimensions 6 mm Width 6 mm Height of lowest version 44 mm Length 45 mm N-conductor disconnect terminal 3 x 10 mm Rating data 2.5 mm² Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	Stranded, max.	4 mm²
Flexible with ferrule, min. (DIN 46228/1) 0.5 mm² Flexible with ferrule, max. (DIN 46228/1) 2.5 mm² Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) 0.5 mm² 46228 pt 4) 2.5 mm² Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) 2.5 mm² 46228 pt 4) 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Flexible, min.	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1) 2.5 mm² Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) 0.5 mm² Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) 2.5 mm² AWG conductor size, min. AWG 22 AWG conductor size, max. AWG 12 Dimensions Width Width 6 mm Height of lowest version 44 mm Length 45 mm N-conductor disconnect terminal For N-busbar 8 ating data 3 x 10 mm Rating data 2.5 mm² Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	Flexible, max.	0.5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) 0.5 mm² Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) 2.5 mm² AWG conductor size, min. AWG 22 AWG conductor size, max. AWG 12 Dimensions Width Width 6 mm Height of lowest version 44 mm Length 45 mm N-conductor disconnect terminal For N-busbar For N-busbar 3 x 10 mm Rating data Rated cross-section Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
46228 pt 4) Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) 2.5 mm² 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 Rating data Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	Flexible with ferrule, max. (DIN 46228/1)	2.5 mm ²
46228 pt 4) 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 Rating data Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
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 Rating data Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm ²
Dimensions Width 6 mm Height of lowest version 44 mm Length 45 mm N-conductor disconnect terminal For N-busbar 3 x 10 mm Rating data Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	AWG conductor size, min.	AWG 22
Width 6 mm Height of lowest version 44 mm Length 45 mm N-conductor disconnect terminal For N-busbar 3 x 10 mm Rating data Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	AWG conductor size, max.	AWG 12
Width 6 mm Height of lowest version 44 mm Length 45 mm N-conductor disconnect terminal For N-busbar 3 x 10 mm Rating data Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A		
Height of lowest version 44 mm Length 45 mm N-conductor disconnect terminal For N-busbar 3 x 10 mm Rating data Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A		
Length 45 mm N-conductor disconnect terminal For N-busbar 3 x 10 mm Rating data Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A		
N-conductor disconnect terminal For N-busbar 3 x 10 mm Rating data Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	-	
For N-busbar 3 x 10 mm Rating data Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	Length	45 mm
For N-busbar 3 x 10 mm Rating data Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	N conductor disconnect terminal	
Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A		3 v 10 mm
Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	FUL IN-DUSDAL	J A TO HIHII
Rated cross-section 2.5 mm² Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A	Rating data	
Rated voltage 400 V Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A		2.5 mm²
Rated impulse voltage 6 kV Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A		
Rated current 24 A Standards IEC 60947-7-1 Current with max. conductor 24 A		
Standards IEC 60947-7-1 Current with max. conductor 24 A		
Current with max. conductor 24 A	Standards	
	Pollution severity	

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

0471880000	NT 10/35 10X3 BL	Neutral conductor modular terminal, 10 mm², Busbar connection, PA 66, blue, TS 35
0499280000	NT 16/35 10X3 BL	Neutral conductor modular terminal, 16 mm², Busbar connection, PA 66, blue, TS 35
0501470000	NT 6/35 10X3 KRG/BL	Neutral conductor modular terminal, 6 mm², Screw connection, PA 66. blue. TS 35

