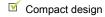


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Feed-through terminal block, Connection type: Screw connection, Spring-cage connection, Cross section: 0.14 mm² - 6 mm², AWG :28- 12, Width: 6.2 mm, Color: blue, Mounting: NS 35/7,5, NS 35/15

Product Features





Key commercial data

| Packing unit | 11 |
|--------------------------------------|----------|
| Minimum order quantity | 50 1 |
| Weight per Piece (excluding packing) | 13.2 GRM |
| Custom tariff number | 85369010 |
| Country of origin | Poland |

Technical data

General

| Number of levels | 1 |
|---|---|
| Number of connections | 3 |
| Color | blue |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Maximum load current | 32 A (with 6 mm² conductor cross section) |
| Rated surge voltage | 8 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current I _N | 32 A |

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Technical data

General

| Nominal voltage U _N | 800 V |
|--------------------------------|-------|
| Open side panel | ja |

Dimensions

| Width | 6.2 mm |
|------------------|---------|
| Length | 74.4 mm |
| Height NS 35/7,5 | 42.8 mm |
| Height NS 35/15 | 50.3 mm |
| End cover width | 2.2 mm |

Connection data

| Connection method | Screw connection |
|---|---------------------|
| Stripping length | 10 mm |
| Tightening torque, min | 0.6 Nm |
| Tightening torque max | 0.8 Nm |
| Conductor cross section solid min. | 0.14 mm² |
| Conductor cross section solid max. | 6 mm² |
| Conductor cross section stranded min. | 0.14 mm² |
| Conductor cross section stranded max. | 4 mm² |
| Conductor cross section AWG/kcmil min. | 28 |
| Conductor cross section AWG/kcmil max | 10 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.14 mm² |
| Value | 0.14 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 4 mm² |
| Value | 4 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.14 mm² |
| Value | 0.14 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 4 mm² |
| Value | 4 mm ² |
| 2 conductors with same cross section, solid min. | 0.14 mm² |
| 2 conductors with same cross section, solid max. | 1.5 mm² |
| 2 conductors with same cross section, stranded min. | 0.14 mm² |
| 2 conductors with same cross section, stranded max. | 1.5 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.14 mm² |
| Value | 0.14 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1.5 mm² |
| Value | 1.5 mm ² |

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Technical data

Connection data

| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm² |
|---|------------------------|
| Value | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm² |
| Value | 2.5 mm² |
| Connection method | Spring-cage connection |
| Stripping length | 10 mm |
| Conductor cross section solid min. | 0.08 mm² |
| Conductor cross section solid max. | 6 mm² |
| Conductor cross section AWG/kcmil min. | 28 |
| Conductor cross section AWG/kcmil max | 10 |
| Conductor cross section stranded min. | 0.08 mm² |
| Conductor cross section stranded max. | 4 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.14 mm² |
| Value | 0.14 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 4 mm² |
| Value | 4 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.14 mm² |
| Value | 0.14 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 4 mm² |
| Value | 4 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm² |
| Value | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm² |
| Value | 1 mm² |
| | |

Classifications

eCl@ss

| eCl@ss 4.0 | 27141121 |
|------------|----------|
| eCl@ss 4.1 | 27141121 |
| eCl@ss 5.0 | 27141120 |
| eCl@ss 5.1 | 27141120 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |

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Classifications

| eCl | നട |
|-----|----------|
| COI | ω |

| eCl@ss | s 8.0 | 27141120 |
|---------|-------|----------|
| ETIM | | |
| ETIM 2. | .0 | EC000897 |
| ETIM 3. | .0 | EC000897 |
| ETIM 4. | .0 | EC000897 |

EC000897

ETIM 5.0 UNSPSC

| UNSPSC 6.01 | 30211811 |
|---------------|----------|
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11 | 39121410 |
| UNSPSC 12.01 | 39121410 |
| UNSPSC 13.2 | 39121410 |

Approvals

Approvals

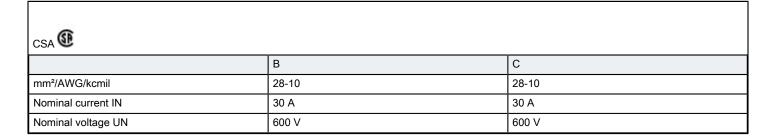
Approvals

CSA / UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details



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Approvals

| UL Recognized 5 | | | |
|------------------------|-------|-------|---|
| | | В | С |
| mm²/AWG/kcmil | 28-10 | 28-10 | |
| Nominal current IN | 30 A | 30 A | |
| Nominal voltage UN | 600 V | 600 V | |

| cUL Recognized 51 | | | |
|--------------------|-------|-------|---|
| | | В | С |
| mm²/AWG/kcmil | 28-10 | 28-10 | |
| Nominal current IN | 30 A | 30 A | |
| Nominal voltage UN | 600 V | 600 V | |

| GOST 🖭 | | | |
|--------|--|--|--|

| GOST 💽 | | |
|--------|--|--|

cULus Recognized C S Us

Accessories

Accessories

Bridge

Plug-in bridge - FBS 2-6 - 3030336



Plug-in bridge, Number of positions: 2, Color: red



Accessories

Plug-in bridge - FBS 3-6 - 3030242



Plug-in bridge, Number of positions: 3, Color: red

Plug-in bridge - FBS 4-6 - 3030255



Plug-in bridge, Number of positions: 4, Color: red

Plug-in bridge - FBS 5-6 - 3030349



Plug-in bridge, Number of positions: 5, Color: red

Plug-in bridge - FBS 10-6 - 3030271



Plug-in bridge, Number of positions: 10, Color: red

Plug-in bridge - FBS 20-6 - 3030365



Plug-in bridge, Number of positions: 20, Color: red



Accessories

Plug-in bridge - FBS 50-6 - 3032224



Plug-in bridge, Number of positions: 50, Color: red

Documentation

Mounting material - ST-IL - 3039900

Operating decal for the ST terminal block



End cover

End cover - D-STU 4-TWIN - 3033087



End cover, Length: 74.4 mm, Width: 2.2 mm, Color: gray

Spacer plate - DP PS-5 - 3036725



Spacer plate, Color: red

Insulating sleeve



Accessories

Insulating sleeve - ISH 4/0,5 - 3002885



Insulating sleeve, Color: gray

Insulating sleeve - ISH 4/1,0 - 3002898



Insulating sleeve, Color: black

Mounting rail

DIN rail perforated - NS 35/7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail - NS 35/7,5 WH PERF 2000MM - 1204119



DIN rail 35 mm (NS 35)



Accessories

DIN rail - NS 35/7,5 WH UNPERF 2000MM - 1204122



DIN rail 35 mm (NS 35)

DIN rail, unperforated - NS 35/7,5 AL UNPERF 2000MM - 0801704



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

DIN rail - NS 35/7,5 ZN PERF 2000MM - 1206421



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail - NS 35/7,5 ZN UNPERF 2000MM - 1206434



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail - NS 35/7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m



Accessories

End cap - NS 35/7,5 CAP - 1206560

DIN rail end piece, for DIN rail NS 35/7.5



Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: $0.6 \times 3.5 \times 100$ mm, 2-component grip, with non-slip grip

Test plug terminal block

Test adapter - PAI-4-FIX-5/6 BU - 3035975



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Blue

Test adapter - PAI-4-FIX-5/6 OG - 3035974



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Orange

Test adapter - PAI-4-FIX-5/6 YE - 3035977



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Yellow

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Accessories

Test adapter - PAI-4-FIX-5/6 RD - 3035976



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Red

Test adapter - PAI-4-FIX-5/6 GN - 3035978



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Green

Test adapter - PAI-4-FIX-5/6 BK - 3035980



Test adapter, for 4 mm \varnothing safety test plugs, latches into the bridge shaft; color: Black

Test adapter - PAI-4-FIX-5/6 GY - 3035982



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Gray

Test adapter - PAI-4-FIX-5/6 VT - 3035979



Test adapter, for 4 mm \varnothing safety test plugs, latches into the bridge shaft; color: Violet



Accessories

Test adapter - PAI-4-FIX-5/6 BN - 3035981



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Brown

Test adapter - PS-5 - 3030983



Test adapter, Color: red

Test plugs - PS-5/2,3MM RD - 3038723



Test plugs, Color: red

Drawings

Circuit diagram

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