

Feed-through terminal block - ST 2,5 BK - 3037122

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Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Color: black, Mounting type: NS 35/7,5, NS 35/15

Product Features

- ✓ The consistent double function shaft offers every opportunity for time-saving potential distribution and accommodating test accessories
- ✓ As well as saving space, the compact design and front connection enable user-friendly wiring in a small amount of space
- ✓ The large wiring space enables the use of conductors with ferrules and plastic collars within the nominal cross section



Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	6.164 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	2
Color	black
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	31 A (with 4 mm ² conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III

Feed-through terminal block - ST 2,5 BK - 3037122

Technical data

General

Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	24 A (For 2.5 mm ²)
Nominal voltage U_N	800 V
Open side panel	ja

Dimensions

Width	5.2 mm
Length	48.5 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

Connection data

Connection in acc. with standard	IEC 60947-7-1
Connection method	Spring-cage connection
Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max.	12
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	2.5 mm ²
Min. AWG conductor cross section, stranded	28
Max. AWG conductor cross section, stranded	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Minimum stripping length	8 mm
Maximum stripping length	10 mm
Internal cylindrical gage	A3

Classifications

eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121

Feed-through terminal block - ST 2,5 BK - 3037122

Classifications

eCl@ss

eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

UNSPSC

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / LR / GL / BV / DNV / ABS / KR / NK / GOST / VDE Gutachten mit Fertigungsüberwachung / IECCEB CB Scheme / VDE Gutachten mit Fertigungsüberwachung / CSA / cULus Recognized

Ex Approvals

IECEX / ATEX

Approvals submitted

Approval details

Feed-through terminal block - ST 2,5 BK - 3037122

Approvals

UL Recognized 		
	B	C
mm ² /AWG/kcmil	28-12	28-12
Nominal current I _N	20 A	20 A
Nominal voltage U _N	600 V	600 V

cUL Recognized 		
	B	C
mm ² /AWG/kcmil	28-12	28-12
Nominal current I _N	20 A	20 A
Nominal voltage U _N	600 V	600 V

GOST 	
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LR

GL	
mm ² /AWG/kcmil	2.5
Nominal current I _N	24 A
Nominal voltage U _N	800 V

BV

DNV

ABS	
mm ² /AWG/kcmil	26-12
Nominal current I _N	20 A
Nominal voltage U _N	600 V

Feed-through terminal block - ST 2,5 BK - 3037122

Approvals

KR

NK

GOST 

VDE Gutachten mit Fertigungsüberwachung 

mm ² /AWG/kcmil	0.2-2.5
Nominal current I _N	24 A
Nominal voltage U _N	800 V

IECEE CB Scheme 

mm ² /AWG/kcmil	2.5
Nominal voltage U _N	800 V

VDE Gutachten mit Fertigungsüberwachung 

mm ² /AWG/kcmil	0.2-2.5
Nominal current I _N	24 A
Nominal voltage U _N	800 V

CSA 

	B	C
mm ² /AWG/kcmil	28-12	28-12
Nominal current I _N	20 A	20 A
Nominal voltage U _N	600 V	600 V

Feed-through terminal block - ST 2,5 BK - 3037122

Approvals

cULus Recognized  US

Accessories

Accessories

Bridge

Plug-in bridge - FBS 20-5 - 3030226



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

Plug-in bridge - FBS 10-5 - 3030213



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

Plug-in bridge - FBS 5-5 - 3030190



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

Plug-in bridge - FBS 4-5 - 3030187



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

Feed-through terminal block - ST 2,5 BK - 3037122

Accessories

Plug-in bridge - FBS 3-5 - 3030174



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

Plug-in bridge - FBS 2-5 - 3030161



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

Reducing bridge - RB ST (2,5/4)-1,5 - 3038943



Reducing bridge, Number of positions: 2, Color: red

Documentation

Mounting material - ST-IL - 3039900

Operating decal for the ST terminal block



End block

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

Feed-through terminal block - ST 2,5 BK - 3037122

Accessories

End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

End clamp - E/UK - 1201442



End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail

End clamp - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

End cover

End cover - D-ST 2,5 - 3030417



End cover, Length: 48.6 mm, Width: 2.2 mm, Height: 29.1 mm, Color: gray

Feed-through terminal block - ST 2,5 BK - 3037122

Accessories

End cover - D-ST 2,5-0,8 OG - 3030511



End cover, Length: 48.6 mm, Width: 0.8 mm, Height: 29 mm, Color: orange

Spacer plate - DP PS-5 - 3036725



Spacer plate, Color: red

Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

Feed-through terminal block - ST 2,5 BK - 3037122

Accessories

Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

Insulating sleeve - ISH 2,5/0,2 - 3002843



Insulating sleeve, Color: white

Feed-through terminal block - ST 2,5 BK - 3037122

Accessories

Insulating sleeve - ISH 2,5/0,5 - 3002856



Insulating sleeve, Color: gray

Insulating sleeve - ISH 2,5/1,0 - 3002869



Insulating sleeve, Color: black

Labeled terminal marker

Warning cover - WST 2,5 - 3030941



Warning cover, 5-pos., for terminal width: 5.2 mm

Zack marker strip - ZB 5 CUS - 0824962



Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 5.15 x 10.5 mm

Marker for terminal blocks - UC-TM 5 CUS - 0824581



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 10.5 x 4.6 mm

Feed-through terminal block - ST 2,5 BK - 3037122

Accessories

Marker for terminal blocks - UCT-TM 5 CUS - 0829595



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, Lettering field: 4.6 x 10.5 mm

Zack Marker strip, flat - ZBF 5 CUS - 0825025



Zack Marker strip, flat, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

Marker for terminal blocks - UC-TMF 5 CUS - 0824638



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.6 x 5.1 mm

Marker for terminal blocks - UCT-TMF 5 CUS - 0829658



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm

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

Feed-through terminal block - ST 2,5 BK - 3037122

Accessories

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



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

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



DIN rail 35 mm (NS 35)

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



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

Feed-through terminal block - ST 2,5 BK - 3037122

Accessories

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



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

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



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

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

DIN rail, unperforated - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

Feed-through terminal block - ST 2,5 BK - 3037122

Accessories

DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602



DIN rail 35 mm (NS 35)

DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail 35 mm (NS 35)

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

Feed-through terminal block - ST 2,5 BK - 3037122

Accessories

DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

DIN rail, unperforated - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

Partition plate

Partition plate - ATP-ST 4 - 3030721



Partition plate, Length: 61 mm, Width: 2 mm, Height: 42 mm, Color: gray

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 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Feed-through terminal block - ST 2,5 BK - 3037122

Accessories

Terminal marking

Zack marker strip - ZB 5 :UNBEDRUCKT - 1050004



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 5.1 x 10.5 mm

Marker for terminal blocks - UC-TM 5 - 0818108



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 10.5 x 4.6 mm

Marker for terminal blocks - UCT-TM 5 - 0828734



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 4.6 x 10.5 mm

Zack Marker strip, flat - ZBF 5:UNBEDRUCKT - 0808642



Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.1 x 5.2 mm

Marker for terminal blocks - UC-TMF 5 - 0818153



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.6 x 5.1 mm

Feed-through terminal block - ST 2,5 BK - 3037122

Accessories

Marker for terminal blocks - UCT-TMF 5 - 0828744



Marker for terminal blocks. Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm

Test plug terminal block

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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

Feed-through terminal block - ST 2,5 BK - 3037122

Accessories

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

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 Ø 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

Feed-through terminal block - ST 2,5 BK - 3037122

Accessories

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



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

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 plugs - PS-5 - 3030983



Test plugs, Color: red

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



Test plugs, Color: red
