

Feed-through terminal block - ST 4 RD - 3037151

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Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm² - 6 mm², AWG: 28 - 10, Width: 6.2 mm, Color: red, Mounting type: NS 35/7,5, NS 35/15

The illustration shows version ST 4 in gray

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

package_quantity	50
GTIN	4017918599591

Technical data

General

Number of levels	1
Number of connections	2
Color	red
Insulating material	PA
Inflammability class according to UL 94	V0

General

Maximum load current	40 A (with 6 mm ² conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	32 A
Nominal voltage U_N	800 V
Open side panel	ja

Dimensions

Width	6.2 mm
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Feed-through terminal block - ST 4 RD - 3037151

Technical data

Dimensions

Length	56 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.	6 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	4 mm ²
Min. AWG conductor cross section, stranded	28
Max. AWG conductor cross section, stranded	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 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.	4 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm ²
Minimum stripping length	8 mm
Maximum stripping length	10 mm
Internal cylindrical gage	A4

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
eCl@ss 8.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897

Feed-through terminal block - ST 4 RD - 3037151

classifications

ETIM

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

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

Approval details

IECEX	
Nominal voltage UN	550 V
Nominal current IN	30 A
mm ² /AWG/kcmil	0.08-4

ATEX	
Nominal voltage UN	550 V
Nominal current IN	30 A
mm ² /AWG/kcmil	0.08-4

CSA		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	30 A	30 A
mm ² /AWG/kcmil	28-10	28-10

UL Recognized

Feed-through terminal block - ST 4 RD - 3037151

approvals

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	30 A	30 A
mm ² /AWG/kcmil	28-10	28-10

VDE Gutachten mit Fertigungsüberwachung

Nominal voltage UN	800 V
Nominal current IN	32 A
mm ² /AWG/kcmil	0.2-4

cUL Recognized

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	30 A	30 A
mm ² /AWG/kcmil	28-10	28-10

GOST

LR

GL

Nominal voltage UN	800 V
Nominal current IN	32 A
mm ² /AWG/kcmil	4

BV

DNV

ABS

Nominal voltage UN	600 V
Nominal current IN	30 A
mm ² /AWG/kcmil	20-10

Feed-through terminal block - ST 4 RD - 3037151

approvals

KR

NK

IECEE CB Scheme	
Nominal voltage UN	800 V
Nominal current IN	
mm ² /AWG/kcmil	4



Nominal voltage UN	800 V
Nominal current IN	32 A
mm ² /AWG/kcmil	4

Nominal voltage UN	800 V
Nominal current IN	
mm ² /AWG/kcmil	4

cULus Recognized

accessories

End cover

Feed-through terminal block - ST 4 RD - 3037151

accessories

D-ST 4 - 3030420



DP PS-6 - 3036738



Test plug terminal block

RPS - 0201647



MPS-MT - 0201744



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



Feed-through terminal block - ST 4 RD - 3037151

accessories

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



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



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



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



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



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



Feed-through terminal block - ST 4 RD - 3037151

accessories

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



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



PS-6 - 3030996



PS-6/2,3MM RD - 3038736



Partition plate

ATP-ST 4 - 3030721



Screwdriver tools

Feed-through terminal block - ST 4 RD - 3037151

accessories

SZF 1-0,6X3,5 - 1204517



Labeled terminal marker

WST 4 - 3030954



ZB 6 CUS - 0824992



ZB 6,LGS:FORTL.ZAHLEN - 1051016



ZB 6,QR:FORTL.ZAHLEN - 1051029



Feed-through terminal block - ST 4 RD - 3037151

accessories

ZB 6,LGS:GLEICHE ZAHLEN - 1051032



ZB 6,LGS:L1-N,PE - 1051414



ZB 6,LGS:U-N - 1051430



UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



ZBF 6 CUS - 0825027



Feed-through terminal block - ST 4 RD - 3037151

accessories

UC-TMF 6 CUS - 0824646



UCT-TMF 6 CUS - 0829665



ZBF 6,LGS:FORTL.ZAHLEN - 0808749



ZBF 6,QR:FORTL.ZAHLEN - 0808765



ZBF 6,LGS:GERADE ZAHLEN - 0810834



Feed-through terminal block - ST 4 RD - 3037151

accessories

ZBF 6,LGS:UNGERADE ZAHLEN - 0810876



Documentation

ST-IL - 3039900



Bridge

FBS 20-6 - 3030365



FBS 10-6 - 3030271



FBS 5-6 - 3030349



Feed-through terminal block - ST 4 RD - 3037151

accessories

FBS 4-6 - 3030255



FBS 3-6 - 3030242



FBS 2-6 - 3030336



FBSR 2-6 - 3033715



FBSR 3-6 - 3001594



FBSR 4-6 - 3001595



Feed-through terminal block - ST 4 RD - 3037151

accessories

FBSR 5-6 - 3001596



FBSR 10-6 - 3033716



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



Feed-through terminal block - ST 4 RD - 3037151

accessories

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



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



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



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



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



NS 35/ 7,5 CAP - 1206560



Feed-through terminal block - ST 4 RD - 3037151

accessories

NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



Feed-through terminal block - ST 4 RD - 3037151

accessories

NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



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



Terminal marking

Feed-through terminal block - ST 4 RD - 3037151

accessories

ZB 6:UNBEDRUCKT - 1051003



UC-TM 6 - 0818085



UCT-TM 6 - 0828736



ZBF 6:UNBEDRUCKT - 0808710



UC-TMF 6 - 0818140



UCT-TMF 6 - 0828746



Feed-through terminal block - ST 4 RD - 3037151

accessories

Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



Feed-through terminal block - ST 4 RD - 3037151

accessories

MPS-IH GY - 0201728



MPS-IH BK - 0201731



ISH 4/0,5 - 3002885



ISH 4/1,0 - 3002898



End block

CLIPFIX 35 - 3022218



Feed-through terminal block - ST 4 RD - 3037151

accessories

CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



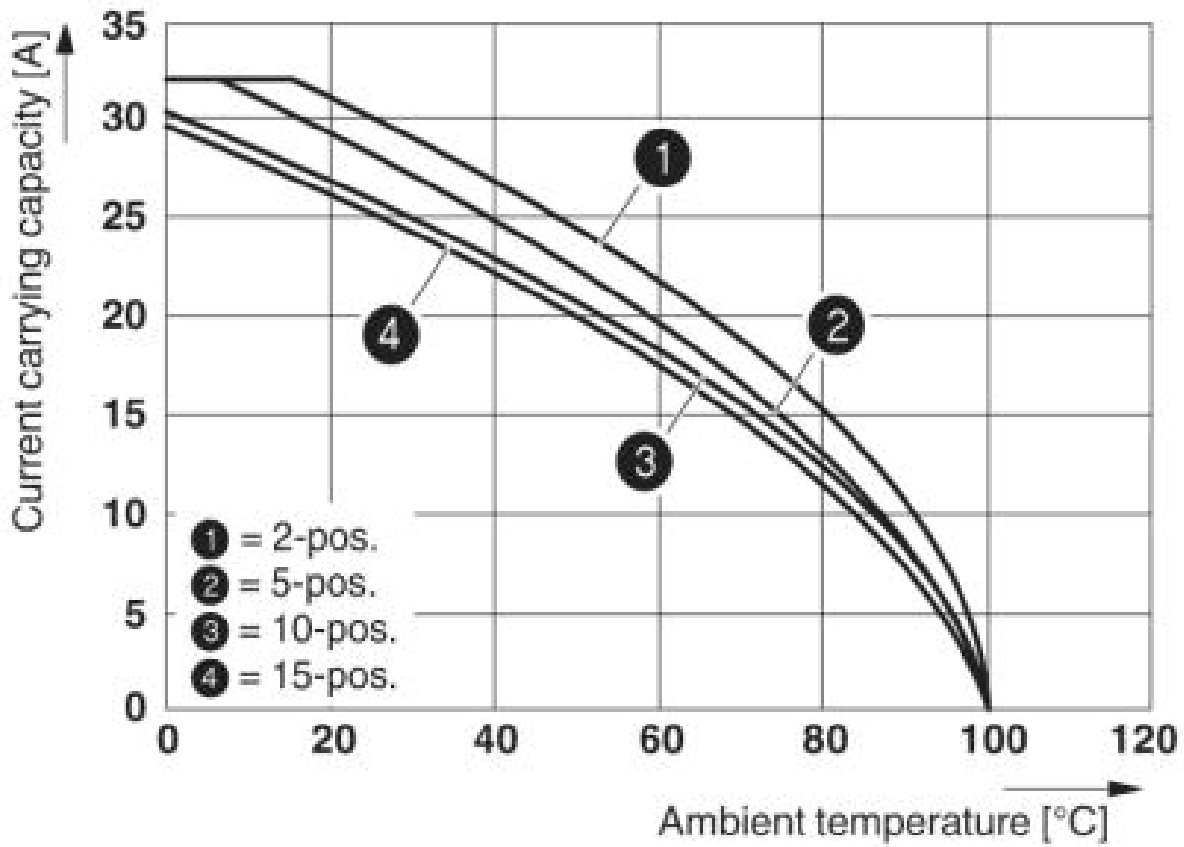
E/UK 1 - 1201413



Drawings

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Diagram



The figure shows the derating curve of the ST 4... terminal block in connection with the SP 4 plug

Circuit diagram

