

# Feed-through terminal block - ST 4 OG - 3037135

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Feed-through terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 28 - 10, Width: 6.2 mm, Color: orange, Mounting type: NS 35/7,5, NS 35/15

The illustration shows version ST 4 in gray

## Product Features

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

## Key commercial data

<b>package_quantity</b>	50
<b>GTIN</b>	4017918599577

## Technical data

### General

<b>Number of levels</b>	1
<b>Number of connections</b>	2
<b>Color</b>	orange
<b>Insulating material</b>	PA
<b>Inflammability class according to UL 94</b>	V0

### General

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

### Dimensions

<b>Width</b>	6.2 mm
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# Feed-through terminal block - ST 4 OG - 3037135

## Technical data

### Dimensions

Length	56 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

### Connection data

Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>
Connection method	Spring-cage connection
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
ETIM 4.0	EC000897

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## classifications

### ETIM

<b>ETIM 5.0</b>	EC000897
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### UNSPSC

<b>UNSPSC 6.01</b>	30211811
<b>UNSPSC 7.0901</b>	39121410
<b>UNSPSC 11</b>	39121410
<b>UNSPSC 12.01</b>	39121410
<b>UNSPSC 13.2</b>	39121410

## approvals

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

### Approval details

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

<b>ATEX</b>	
Nominal voltage UN	550 V
Nominal current IN	34.5 A
mm <sup>2</sup> /AWG/kcmil	0.08-6

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

<b>UL Recognized</b>
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# Feed-through terminal block - ST 4 OG - 3037135

## approvals

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

**VDE Gutachten mit Fertigungsüberwachung**

Nominal voltage UN	800 V
Nominal current IN	32 A
mm <sup>2</sup> /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 <sup>2</sup> /AWG/kcmil	28-10	28-10

**GOST**

**LR**

**GL**

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

**BV**

**DNV**

**ABS**

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

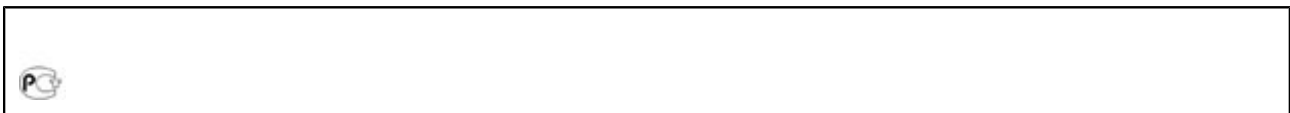
# Feed-through terminal block - ST 4 OG - 3037135

approvals

KR

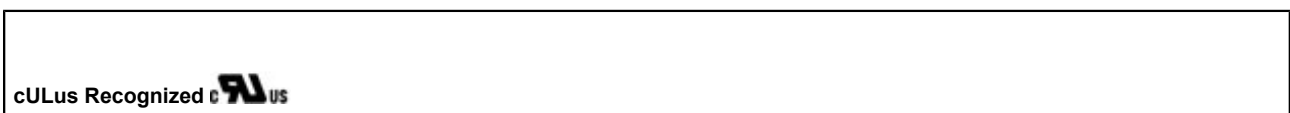
NK

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



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

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



accessories

End cover

## Feed-through terminal block - ST 4 OG - 3037135

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 OG - 3037135

### 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 OG - 3037135

### accessories

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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 OG - 3037135

## accessories

SZF 1-0,6X3,5 - 1204517



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## Labeled terminal marker

WST 4 - 3030954



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ZB 6 CUS - 0824992



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UC-TM 6 CUS - 0824589



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UCT-TM 6 CUS - 0829602



## Feed-through terminal block - ST 4 OG - 3037135

### accessories

ZBF 6 CUS - 0825027



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UC-TMF 6 CUS - 0824646



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UCT-TMF 6 CUS - 0829665



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### Documentation

ST-IL - 3039900



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### Bridge

FBS 20-6 - 3030365



## Feed-through terminal block - ST 4 OG - 3037135

accessories

FBS 10-6 - 3030271



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FBS 5-6 - 3030349



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FBS 4-6 - 3030255



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FBS 3-6 - 3030242



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FBS 2-6 - 3030336



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**Mounting rail**

## Feed-through terminal block - ST 4 OG - 3037135

### accessories

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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



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



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



## Feed-through terminal block - ST 4 OG - 3037135

accessories

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



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



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



## Feed-through terminal block - ST 4 OG - 3037135

### accessories

NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



## Feed-through terminal block - ST 4 OG - 3037135

accessories

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NS 35/15 CAP - 1206573



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



### Terminal marking

ZB 6:UNBEDRUCKT - 1051003



UC-TM 6 - 0818085



UCT-TM 6 - 0828736



## Feed-through terminal block - ST 4 OG - 3037135

### accessories

ZBF 6:UNBEDRUCKT - 0808710



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UC-TMF 6 - 0818140



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UCT-TMF 6 - 0828746



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### Insulating sleeve

MPS-IH WH - 0201663



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MPS-IH RD - 0201676





# Feed-through terminal block - ST 4 OG - 3037135

## accessories

MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



ISH 4/0,5 - 3002885



# Feed-through terminal block - ST 4 OG - 3037135

accessories

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ISH 4/1,0 - 3002898



## End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



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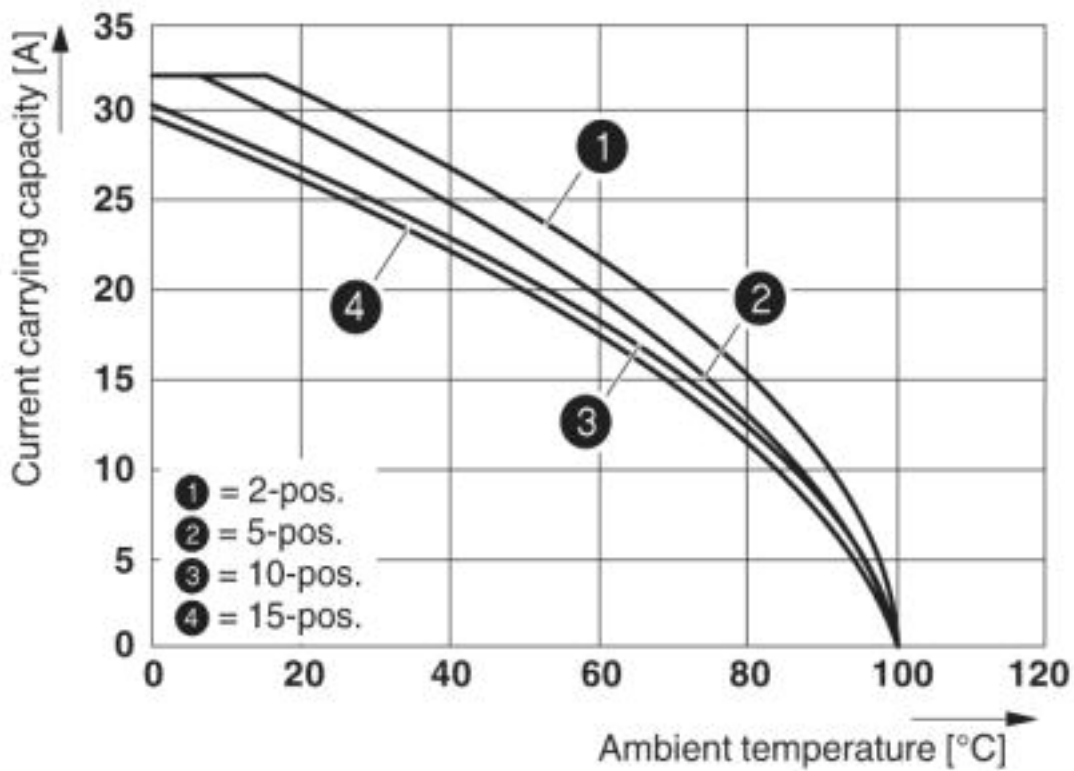
accessories

E/UK 1 - 1201413



## Drawings

Diagram



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

Circuit diagram

