

## Feed-through terminal block - STS 4-TWIN-PE - 3031678

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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: green-yellow, Mounting type: NS 35/7,5, NS 35/15

### Product Features

- Same shape and pitch as the feed-through terminal blocks
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- All the requirements of standard IEC 60947-7-2 are met



### Key commercial data

package_quantity	50
GTIN	4017918193324

### Technical data

#### General

Number of levels	1
Number of connections	3
Color	green-yellow
Insulating material	PA
Inflammability class according to UL 94	V0

#### General

Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-2
Open side panel	ja
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 2, bogie mounted

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## Technical data

### General

<b>Test frequency</b>	$f_1 = 5 \text{ Hz}$ to $f_2 = 250 \text{ Hz}$
<b>ASD level</b>	6.12 (m/s <sup>2</sup> ) <sup>2</sup> /Hz
<b>Acceleration</b>	3.12 g
<b>Test duration per axis</b>	5 h
<b>Test directions</b>	X-, Y- and Z-axis
<b>Oscillation, broadband noise test result</b>	Test passed
<b>Test specification, shock test</b>	DIN EN 50155 (VDE 0115-200):2008-03
<b>Shock form</b>	Half-sine
<b>Acceleration</b>	30 g
<b>Shock duration</b>	18 ms
<b>Number of shocks per direction</b>	3
<b>Test directions</b>	X-, Y- and Z-axis (pos. and neg.)
<b>Shock test result</b>	Test passed
<b>Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))</b>	125 °C
<b>Static insulating material application in cold</b>	-60 °C

### Dimensions

<b>Width</b>	6.2 mm
<b>Length</b>	64.5 mm
<b>Height NS 35/7,5</b>	43 mm
<b>Height NS 35/15</b>	50.5 mm

### Connection data

<b>Conductor cross section solid min.</b>	0.08 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	6 mm <sup>2</sup>
<b>Conductor cross section AWG/kcmil min.</b>	28
<b>Conductor cross section AWG/kcmil max</b>	10
<b>Conductor cross section stranded min.</b>	0.08 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	4 mm <sup>2</sup>
<b>Min. AWG conductor cross section, stranded</b>	28
<b>Max. AWG conductor cross section, stranded</b>	12
<b>Conductor cross section stranded, with ferrule without plastic sleeve min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule without plastic sleeve max.</b>	4 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve max.</b>	4 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.</b>	0.5 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.</b>	1 mm <sup>2</sup>
<b>Connection method</b>	Spring-cage connection

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## Technical data

### Connection data

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	EC000901
ETIM 3.0	EC000901
ETIM 4.0	EC000901
ETIM 5.0	EC000901


### UNSPSC

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

## approvals

ATEX / IECEx / CSA / UL Recognized / SEV / cUL Recognized / GOST / LR / GL / BV / DNV / RS / ABS / KR / CCA / GOST / cULus Recognized /

### Approval details

	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.08-4

IECEx

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## approvals

Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.08-4

**CSA**

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

**UL Recognized**

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

**SEV**

Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	4-1.5

**cUL Recognized**

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

**GOST**

**LR**

**GL**

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approvals

BV

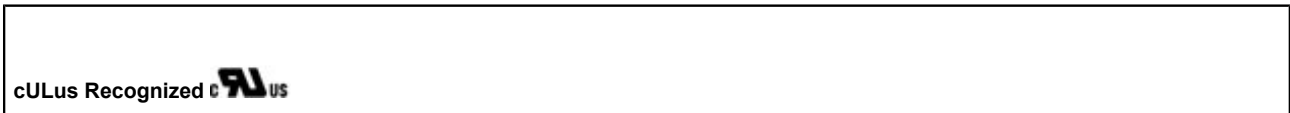
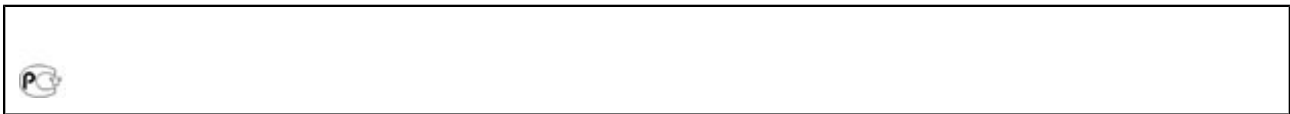
DNV

RS

ABS

KR

CCA	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	1.5



accessories

**End cover**

D-ST5 4 - 3031704



**Screwdriver tools**

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## accessories

SZF 1-0,6X3,5 - 1204517



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## Documentation

ST-IL - 3039900



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## Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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### 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



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accessories

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## Insulating sleeve

ISH 4/0,5 - 3002885



ISH 4/1,0 - 3002898



## Drawings

Circuit diagram

