


STS 6

Order No.: 3038121

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3038121>

Feed-through modular terminal block, Type of connection: Spring-cage connection, Cross section: 0.2 mm² - 10 mm², AWG 24 - 8, Width: 8.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

Commercial data

| | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 928940 |
| sales group | A600 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 137 (CL-2009) |

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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Technical data**General**

| | |
|-----------------------|------|
| Number of levels | 1 |
| Number of connections | 2 |
| Color | gray |
| Insulating material | PA |

| | |
|------------------------------------|----|
| Inflammability class acc. to UL 94 | V0 |
|------------------------------------|----|

Dimensions

| | |
|------------------|---------|
| Width | 8.2 mm |
| Length | 58 mm |
| Height NS 35/7.5 | 50 mm |
| Height NS 35/15 | 57.5 mm |

Technical data

| | |
|----------------------------------|--|
| Maximum load current | 52 A (with 10 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 | 41 A |
| Nominal voltage U _N | 800 V |
| Open side panel | ja |

Connection data

| | |
|---|------------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 10 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 6 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 8 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 6 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 6 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm ² |
| Type of connection | Spring-cage connection |

| | |
|---------------------------|-------|
| Stripping length | 12 mm |
| Internal cylindrical gage | A5 |

Certificates / Approvals



Certification

ABS, BV, CSA, CUL, DNV, GL, LR, NK, UL

Accessories

| Item | Designation | Description |
|---------------------|-----------------|---|
| Assembly | | |
| 3024481 | ATP-ST 6 | Partition plate, Length: 75 mm, Width: 2 mm, Height: 49 mm, Color: gray |
| 3038189 | D-ST5 6 | End cover, Length: 58 mm, Width: 2.2 mm, Height: 50 mm, Color: gray |
| Bridges | | |
| 3030284 | FBS 2-8 | Plug-in bridge, Number of positions: 2, Color: red |
| 3030297 | FBS 3-8 | Plug-in bridge, Number of positions: 3, Color: red |
| 3030307 | FBS 4-8 | Plug-in bridge, Number of positions: 4, Color: red |
| 3030310 | FBS 5-8 | Plug-in bridge, Number of positions: 5, Color: red |
| 3032470 | FBS 6-8 | Plug-in bridge, Number of positions: 6, Color: red |
| 3030323 | FBS 10-8 | Plug-in bridge, Number of positions: 10, Color: red |
| Plug/Adapter | | |
| 3030925 | PAI-4 | Test adapter, Color: gray |
| 3030860 | RB ST 6-(2,5/4) | Reducing bridge, Number of positions: 2, Color: red |
| Tools | | |
| 1204520 | SZF 2-0,8X4,0 | Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip |

Diagrams/Drawings

Circuit diagram



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