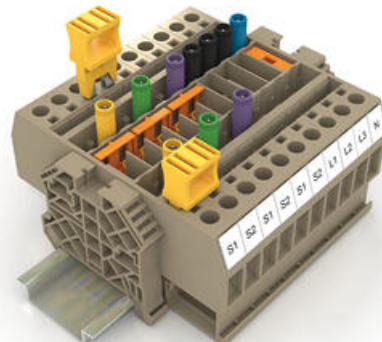


TEST DISCONNECT TERMINALS SPTK 6

17520.2

SPTK 6/DU, Test Disconnect feed through terminal

- Up to four channels: used for potential distribution or test purposes
- Lengthwise partition operated with screw to ensure deliberate switching operations
- Touch safe BGV A3 compliant
- Polyamide 6.6 UL 94-V0



PRODUCT DESCRIPTION

Test-disconnect terminals are mainly used for power network, electricity generation and supply applications.

They are perfect for the wide variety of switching demands in the current-transformer secondary circuits that are common in these types of applications.

Current transformers must always have a closed secondary circuit, for use when electricity meters and measuring instruments are being replaced, or when making comparative measurements.

All versions provide touch-safe protection in compliance with DGUV-3.

A captive, screw-on sliding partition is used to separate the current and voltage paths.

The switch position is always easy to detect since the disconnect screw has a yellow insulating sleeve.

In all versions, the STBI 19/4 socket plugs can be used for a test pick-off for measuring values using the PS 4 test plug or the conventional (4 mm) insulated test plugs.

CROSS-SWITCHES QVSI

The VH 19 connecting sleeves and the BS 25 screws or STB 19/4 L socket plugs are required for fastening the QVSI cross-switches above the terminal block. The cross-switches are available from 2 to 10 poles.

CROSS-SWITCHES QSBI

The QSBI internal cross-switches are positioned within the terminal block and make contact over the sliding contact on the LT- or QT-terminals. The cross-switches are available from 2 to 4 poles.

MOUNTING SCREW BS 25

The BS 25 mounting screws are used together with the VH 19 connecting sleeves to establish contact with the QVSI cross-switches.

SWITCH LOCK PTK-SP

The PTK-SP switch lock is mounted over the slider on the SPTK terminals. It keeps the partition screws from being accidentally touched by a screwdriver.

INSULATED SOCKET PLUGS STBI 19/4 L

The STBI 19/4 L socket plugs can be screwed into the inside cross-connection channels. They are used together with the VH 19 connecting sleeves to establish contact with the QVSI cross-switches. They are also used to hold the PS 4 test plugs or conventional (4 mm) insulated test plugs.

SHORT-CIRCUIT PLUG KS-SQI

The KS-SQI short-circuit plugs are used to make pluggable cross-connections between the SPTK terminals in the outer cross-connection channels. The plugs can also be put in the built-in park position of the SPTK terminals when not in use. The short-circuit plugs are available from 2 to 5 poles.

CROSS-CONNECTOR SQI 6

The SQI cross-connector is used to make a pluggable cross-connection between the SPTK terminals in the outer cross-connection channels. The cross-connectors can also be put in the built-in park position of the SPTK terminals when not in use. The cross-connectors are available from 2 to 30 poles.

TECHNICAL DATA

GENERAL DATA

| | |
|--------------------------|-------------------|
| Rated wire cross section | 6 mm ² |
| Colour | Beige |
| Rated voltage IEC | 800 V |
| Rated current IEC | 41 A |
| Mounting | TS 35 |
| Rated impulse voltage | 8 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Approvals | UL, cUL, KEMA KUR |

DIMENSIONS

| | |
|------------------|--------|
| Length | 93 mm |
| Width | 8.1 mm |
| Height TS 35/7.5 | 47 mm |

CONNECTION DATA

| | |
|--------------------------------|---------------------|
| Connections | 2 |
| Number of levels | 1 |
| Plug gauge acc. EN 60 947-1 | A5 |
| Cross connect channels | 4 |
| Cross section single wire from | 0.2 mm ² |
| Cross section single wire to | 10 mm ² |

| | |
|--|---------------------|
| Cross section stranded wire from | 0.2 mm ² |
| Cross section stranded wire to | 10 mm ² |
| Cross section stranded with ferrule from | 0.2 mm ² |
| Cross section stranded with ferrule to | 6 mm ² |
| Rated wire cross section from (AWG) | 22 |
| Rated wire cross section to (AWG) | 8 |
| Stripping length | 10 mm |
| Screw size | M 3,5 |
| Screw type | Slotted |
| Torque min | 1.2 |
| Torque max | 2.4 |

MATERIALS

| | |
|----------------------------|---------------|
| Insulation material | Polyamide 6.6 |
| Flammability class | UL94-V0 |
| Operating temperature from | -40 °C |
| Operating temperature to | 120 °C |

APPROVALS

| | |
|-------------------------|-------------------|
| Rated voltage UL | 300 V |
| Rated current UL | 33 A |
| UL test standard | UL 1059 |
| Rated voltage cUL | 300 V |
| Rated current cUL | 33 A |
| cUL test standard | C22.2 No 158 |
| KEMA KEUR test standard | EN 60947-7-1:2009 |

ADDITIONAL DATA

| | |
|-------------------|----------|
| Tariff code | 85369010 |
| Country of origin | CZ |
| Weight | 26.084 g |
| Pack size | 50 |