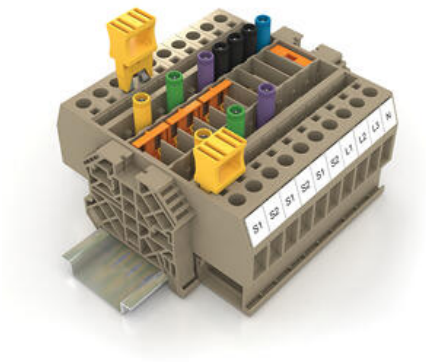
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# TEST DISCONNECT TERMINALS SPTK 6

CT Disconnect Terminals - SPTK

17525.2
SPTK 6/LT/STBI/BU, Test Disconnect terminal, slide disconnect with STBI, Blue



- 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
- Fully configurable

## 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 mm² |
| **Colour** | Beige |
| **Rated voltage IEC** | 400 V |
| **Rated current IEC** | 41 A |
| **Mounting** | TS 35 |
| **Rated impulse voltage** | 4 kV |
| **Overvoltage category** | III |
| **Contamination degree** | 3 |
| **Approvals** | UL, cUL, KEMA KUR |
| **Additional information** | with sockets |

## DIMENSIONS

| | |
|---|---|
| **Length** | 93 mm |
| **Width** | 8.1 mm |
| **Height TS 35/7.5** | 63 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 mm² |
| **Cross section single wire to** | 10 mm² |
| **Cross section stranded wire from** | 0.2 mm² |
| **Cross section stranded wire to** | 10 mm² |
| **Cross section stranded with ferrule from** | 0.2 mm² |
| **Cross section stranded with ferrule to** | 6 mm² |
| **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** | DE |
| **Weight** | 29.65 g |
| **Pack size** | 50 |