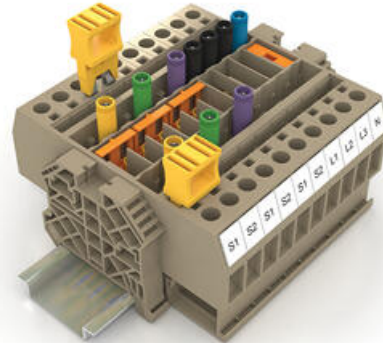


## TEST DISCONNECT TERMINALS SPTK 6

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

## DIMENSIONS

Height TS 35/7.5	47 mm
Length	93 mm
Width	8,1 mm

## CONNECTION DATA

Cross connect channels	4
Cross section stranded wire to	10 mm <sup>2</sup>
Cross section single wire from	0,2 mm <sup>2</sup>
Torque max	2,4 Nm
Connections	2
Cross section stranded wire from	0,2 mm <sup>2</sup>

<b>Torque min</b>	1,2 Nm
<b>Rated wire cross section to (AWG)</b>	8
<b>Rated wire cross section from (AWG)</b>	22
<b>Cross section stranded with ferrule from</b>	0,2 mm <sup>2</sup>
<b>Screw size</b>	M 3,5
<b>Screw type</b>	Slotted
<b>Cross section stranded with ferrule to</b>	6 mm <sup>2</sup>
<b>Stripping length</b>	10 mm
<b>Cross section single wire to</b>	10 mm <sup>2</sup>
<b>Number of levels</b>	1
<b>Plug gauge acc. EN 60 947-1</b>	A5

## MATERIALS

<b>Flammability class</b>	UL94-V0
<b>Operating temperature from</b>	-40 °C
<b>Operating temperature to</b>	120 °C
<b>Insulation material</b>	Polyamide 6.6

## APPROVALS

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

## ADDITIONAL DATA

<b>Pack size</b>	50
<b>Country of origin</b>	CZ
<b>Tariff code</b>	85369010
<b>Weight</b>	26,084 g