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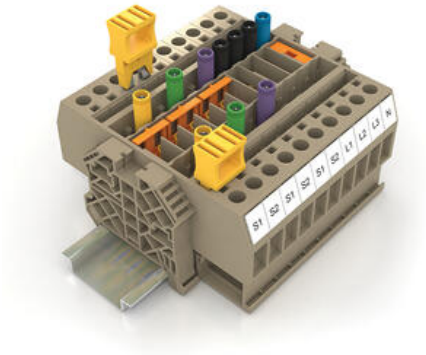
TEST DISCONNECT TERMINALS SPTK 6

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 mm²
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 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	CZ

Weight	26.084 g
Pack size	50