

## TEST-DISCONNECT TERMINALS PTK

1130.2

PTK 10/LT , Test-disconnect terminal

- Multi-foot TS35/TS32
- Touch-safe to VBG 4
- Dual function, disconnect & test



### PRODUCT DESCRIPTION

Test-disconnect terminals are mostly used in the sectors of electricity generation and supply. They are tailored to the variety of switching demands for current-converter secondary circuits that predominate in these sectors. Current transformers must always have a secondary circuit when electricity meters and measuring instruments are being replaced, or when making comparative measurements.

**CONTA-CLIP** test-disconnect terminals are available in the following three basic versions, each with or without a pre-assembled socket plug.

All versions provide touch-safe protection according to 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 STB 14/4 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.

The VH 19 connecting sleeves and the BS 25 screws or STB 14/4 socket plugs are required for fastening the QVS cross-switches above the terminal block. The cross-switches are available from 2 to 4 poles.

The QSB 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.

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

## TECHNICAL DATA

### GENERAL DATA

<b>Rated impulse voltage</b>	4 kV
<b>Colour</b>	Beige
<b>Rated wire cross section</b>	10 mm <sup>2</sup>
<b>Rated voltage IEC</b>	400 V
<b>Mounting</b>	TS 35 and TS 32
<b>Contamination degree</b>	3
<b>Rated current IEC</b>	10 A

Approvals	CSA, CSA US
Overvoltage category	III

## DIMENSIONS

Height TS 35/7.5	47 mm
Length	72 mm
Width	8 mm
Height TS 32	51,5 mm

## CONNECTION DATA

Cross connect channels	2
Cross section stranded wire to	10 mm <sup>2</sup>
Cross section single wire from	0,2 mm <sup>2</sup>
Torque max	2 Nm
Connections	2
Cross section stranded wire from	0,2 mm <sup>2</sup>
Torque min	1,2 Nm
Rated wire cross section to (AWG)	22
Rated wire cross section from (AWG)	8
Cross section stranded with ferrule from	0,2 mm <sup>2</sup>
Screw size	M 4
Screw type	Slotted
Cross section stranded with ferrule to	10 mm <sup>2</sup>
Stripping length	12 mm
Cross section single wire to	10 mm <sup>2</sup>
Number of levels	1
Plug gauge acc. EN 60 947-1	A5

## MATERIALS

Flammability class	UL94-V2
Operating temperature from	-40 °C
Operating temperature to	105 °C
Insulation material	Polyamide 6.6

## APPROVALS

Rated current CSAus	45 A
Rated voltage CSAus	600 V

<b>CSA test standard</b>	C22.2 No 158
<b>CSAus test standard</b>	UL 1059
<b>Rated current CSA</b>	45 A
<b>Rated voltage CSA</b>	600 V

#### **ADDITIONAL DATA**

<b>Pack size</b>	50
<b>Country of origin</b>	DE
<b>Tariff code</b>	85369010
<b>Weight</b>	24,66 g

