

## Surge protection device - TT-UK5/110AC - 2794770

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Modular terminal block with surge voltage fine protection between clamping connector and DIN rail, nominal voltage: 110 V AC, for mounting on NS 32 or NS 35/7.5, terminal width: 6.2 mm, terminal height: 47 mm

The illustration shows version TT-UK5- 24 DC

### Key commercial data

package_quantity	50
GTIN	4017918072940

### Technical data

#### Dimensions

Height	47 mm
Width	6.2 mm
Length	42.5 mm

#### Ambient conditions

Degree of protection	IP20
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#### General

Housing material	PA
Inflammability class according to UL 94	V2
Design	Single-level terminal block
Direction of action	Line-Earth Ground

#### Protective circuit

Nominal voltage $U_N$	110 V AC
Maximum continuous voltage $U_C$ (wire-ground)	121 V AC
Nominal current $I_N$	32 A (50 °C)
Residual current $I_{PE}$	$\leq 5 \mu A$
Nominal discharge current $I_n$ (8/20) $\mu s$ (Core-Earth)	51 A
Nominal pulse current $I_{an}$ (10/1000) $\mu s$ (Core-Earth)	5.5 A
Capacity (Core-Earth)	$\leq 0.34$ nF

#### Connection data

Connection method	Screw terminal blocks
Screw thread	M3

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## Technical data

### Connection data

<b>Tightening torque</b>	0.5 Nm
<b>Stripping length</b>	8 mm
<b>Conductor cross section stranded min.</b>	0.2 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	4 mm <sup>2</sup>
<b>Conductor cross section solid min.</b>	0.2 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	4 mm <sup>2</sup>
<b>Conductor cross section AWG/kcmil min.</b>	24
<b>Conductor cross section AWG/kcmil max</b>	12

## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27140201
<b>eCl@ss 4.1</b>	27130801
<b>eCl@ss 5.0</b>	27130801
<b>eCl@ss 5.1</b>	27130801
<b>eCl@ss 6.0</b>	27130807
<b>eCl@ss 7.0</b>	27130807
<b>eCl@ss 8.0</b>	27130807

### ETIM

<b>ETIM 2.0</b>	EC000943
<b>ETIM 3.0</b>	EC000943
<b>ETIM 4.0</b>	EC000943
<b>ETIM 5.0</b>	EC000943

### UNSPSC

<b>UNSPSC 6.01</b>	30212010
<b>UNSPSC 7.0901</b>	39121610
<b>UNSPSC 11</b>	39121610
<b>UNSPSC 12.01</b>	39121610
<b>UNSPSC 13.2</b>	39121620

## approvals

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CSA / UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized /

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### Approval details


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## approvals

Nominal voltage UN	110 V
Nominal current IN	34 A
mm <sup>2</sup> /AWG/kcmil	28-10

<b>UL Recognized</b>	
Nominal voltage UN	110 V
Nominal current IN	30 A
mm <sup>2</sup> /AWG/kcmil	26-10

<b>cUL Recognized</b>	
Nominal voltage UN	110 V
Nominal current IN	30 A
mm <sup>2</sup> /AWG/kcmil	26-10

<b>GOST</b>
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<b>cULus Recognized</b>
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## accessories

### End cover

D-TERMITRAB-UK 5 - 2794990



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accessories

### Marker pen

B-STIFT - 1051993



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### Terminal marking

ZBF 6:UNBEDRUCKT - 0808710



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ZBF 6/WH-100:UNBEDRUCKT - 0808736



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ZB 6:UNBEDRUCKT - 1051003



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### Labeled terminal marker

ZBF 6,LGS:FORTL.ZAHLEN - 0808749



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### accessories

ZB 6,LGS:L1-N,PE - 1051414



ZB 6,LGS:U-N - 1051430



ZB 6,LGS:FORTL.ZAHLEN - 1051016



### accessories

ZB 6:SO/CMS - 1050499



### Drawings

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