


# Earth terminal blocks

with UL94V-0 polyamide insulating body






- to be mounted onto PR/3 type rails according to IEC 60715 Std., TH/35 type
- to be mounted onto PR/DIN type rails according to IEC 60715 Std., "G32" type
- in 2 green / yellow insulating cases
- **CESI 02 ATEX 061 U** Ex e  certificate  
I M2 / II 2 G D operating temperature range:  
-40 ÷ +80 °C



**version to be mounted onto PR/3 rail**

**version to be mounted onto PR/DIN rail**

## TECHNICAL CHARACTERISTICS

function / type	
rated cross-section	(mm <sup>2</sup> )
connecting capacity	
flexible	(mm <sup>2</sup> )
rigid	(mm <sup>2</sup> )
max. flexible with ferrule (mm <sup>2</sup> )-ferrule type	
rated voltage / rated current / gauge	conf. to IEC 60947-7-1
rated voltage / rated current / AWG / tightening torque value	UL (Ex e) rated voltage  /  (V)
rated impulse withstand voltage / pollution degree	
insulation stripping length	(mm)
tightening torque value (test / recommended)	(Nm)
height / width / thickness	 TH/35 7,5 mm
height / width / thickness	 TH/35 15 mm
height / width / thickness	 G32

**TED.4** Cat. No. **TE400**

earth	
4	
0,2 ÷ 6	
0,2 ÷ 6	
4 - WP40/16	
- / - / A4	
- / - / 20-12 AWG / 5,5 lb.in.	
-	
8 KV / 3	
10	
0,5 / 1,2	
-	
56 / 50 / 6,5	



ATEX Ex and IEC Ex pending

**TE.6/0** Cat. No. **T0110**

**TE.6/D** Cat. No. **TE110**

earth	
6	
0,5 ÷ 10	
0,5 ÷ 10	
6 - WP60/20	
- / - / A5	
- / - / 20-8 AWG / 1,5 Nm	
-	
8 KV / 3	
12	
0,8 / 1,4	
52 / 47 / 8	
60 / 47 / 8	
53 / 42 / 8	



IEC Ex pending

**TE.10/0** Cat. No. **T0500**

**TE.10/D** Cat. No. **TE500**



earth	
10	
0,5 ÷ 16	
0,5 ÷ 16	
10 - WP100/21	
- / - / B6	
- / - / 20-8 AWG Str. / 1,5 Nm	
-	
8 KV / 3	
13	
1,2 / 1,9	
55 / 47 / 10	
63 / 47 / 10	
56 / 44 / 10	



IEC Ex pending

## APPROVALS

## ACCESSORIES

End sections	verde
Marking tag	printed or blank
Numbering strip	
End bracket	
Mounting rail according to IEC 60715 Std.	
	

Type	Cat. No.
<b>TEO.4/PT</b>	T0431
<b>CNU/8</b>	NU...
<b>CSC</b>	CS...
<b>SNZ/65</b>	SN006
<b>BTU</b> for PR/DIN and PR/3	BT005
<b>BT/3-BTO</b> for PR/3 only	BT003-BT007
<b>BT/DIN/PO</b> for PR/DIN only	BT001
<b>PR/DIN/AC</b> of steel	PR001
<b>PR/DIN/AS</b> same with slots	PR004
<b>PR/DIN/AL</b> of aluminium	PR002

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<b>BT/DIN/PO</b> for PR/DIN only	BT001
<b>BT/3-BTO</b> for PR/3 only	BT003-BT007
<b>PR/DIN/AC</b> of steel	PR001
<b>PR/DIN/AS</b> same with slots	PR004
<b>PR/DIN/AL</b> of aluminium	PR002
<b>PR/3/AC</b> of steel	PR003
<b>PR/3/AS</b> same with slots	PR005

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MAXIMUM SHORT-TIME WITHSTAND CURRENTS ALLOCATED TO THE RAIL PROFILE				
Rail profile	Material	Equivalent E-cu cross-section mm <sup>2</sup>	Short-time withstand current 1 s kA	Thermal rated current of a PEN busbar A
"Top hat" rail IEC 60715/TH 15 - 5,5	Steel	10	1,2	-
	Copper	25	3	101
	Aluminium	16	1,92	76
G32-type rail IEC 60715/G32	Steel	35	4,2	-
	Copper	120	14,4	269
	Aluminium	70	8,4	192
"Top hat" rail IEC 60715/TH 35 - 7,5	Steel	16	1,92	-
	Copper	50	6	150
	Aluminium	35	4,2	125
"Top hat" rail IEC 60715/TH 35 - 15	Steel	50	6	-
	Copper	150	18	309
	Aluminium	95	11,4	232

Taken from  
CEI EN 60947-7-2  
standard