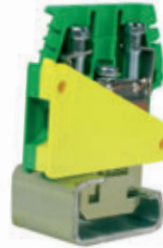


# Earth terminal blocks

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
- **CoC IEC Ex CES 09.0009U** Ex e II



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

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

TECHNICAL CHARACTERISTICS	
function / type	earth
rated cross-section (mm <sup>2</sup> )	4
connecting capacity	
flexible (mm <sup>2</sup> )	0,2 ÷ 6
rigid (mm <sup>2</sup> )	0,2 ÷ 6
max. flexible with ferrule (mm <sup>2</sup> )-ferrule type	4 - WP40/16
rated voltage / rated current / gauge conf. to IEC 60947-7-1	- / - / A4
rated voltage / rated current / AWG / tightening torque value UL (Ex e) rated voltage (V)	- / - / 20-12 AWG / 5,5 lb.in.
rated impulse withstand voltage / pollution degree	-
insulation stripping length (mm)	8 KV / 3
tightening torque value (test / max) (Nm)	10
height / width / thickness TH/35 7,5 mm	0,5 / 1,2
height / width / thickness TH/35 15 mm	-
height / width / thickness G32	56 / 50 / 6,5

**TE.4** Cat. No. **TE400**

earth	6
connecting capacity	
flexible (mm <sup>2</sup> )	0,5 ÷ 10
rigid (mm <sup>2</sup> )	0,5 ÷ 10
max. flexible with ferrule (mm <sup>2</sup> )-ferrule type	6 - WP60/20
rated voltage / rated current / gauge conf. to IEC 60947-7-1	- / - / A5
rated voltage / rated current / AWG / tightening torque value UL (Ex e) rated voltage (V)	- / - / 20-8 AWG / 13,3 lb.in.
rated impulse withstand voltage / pollution degree	-
insulation stripping length (mm)	8 KV / 3
tightening torque value (test / max) (Nm)	12
height / width / thickness TH/35 7,5 mm	0,8 / 1,4
height / width / thickness TH/35 15 mm	52 / 47 / 8
height / width / thickness G32	60 / 47 / 8

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

earth	10
connecting capacity	
flexible (mm <sup>2</sup> )	0,5 ÷ 16
rigid (mm <sup>2</sup> )	0,5 ÷ 16
max. flexible with ferrule (mm <sup>2</sup> )-ferrule type	10 - WP100/21
rated voltage / rated current / gauge conf. to IEC 60947-7-1	- / - / B6
rated voltage / rated current / AWG / tightening torque value UL (Ex e) rated voltage (V)	- / - / 20-8 AWG Str. / 13,3 lb.in.
rated impulse withstand voltage / pollution degree	-
insulation stripping length (mm)	8 KV / 3
tightening torque value (test / max) (Nm)	13
height / width / thickness TH/35 7,5 mm	1,2 / 1,9
height / width / thickness TH/35 15 mm	55 / 47 / 10
height / width / thickness G32	63 / 47 / 10

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

earth	10
connecting capacity	
flexible (mm <sup>2</sup> )	0,5 ÷ 16
rigid (mm <sup>2</sup> )	0,5 ÷ 16
max. flexible with ferrule (mm <sup>2</sup> )-ferrule type	10 - WP100/21
rated voltage / rated current / gauge conf. to IEC 60947-7-1	- / - / B6
rated voltage / rated current / AWG / tightening torque value UL (Ex e) rated voltage (V)	- / - / 20-8 AWG Str. / 13,3 lb.in.
rated impulse withstand voltage / pollution degree	-
insulation stripping length (mm)	8 KV / 3
tightening torque value (test / max) (Nm)	13
height / width / thickness TH/35 7,5 mm	1,2 / 1,9
height / width / thickness TH/35 15 mm	55 / 47 / 10
height / width / thickness G32	63 / 47 / 10

## 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/8/51</b>	NU0851
<b>CSC</b>	CS...
<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

Type	Cat. No.
-	-
<b>CNU/8/51</b>	NU0851
<b>CSC</b>	CS...
-	-
<b>BTU</b> for PR/DIN and PR/3	BT005
<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

Type	Cat. No.
-	-
<b>CNU/8/51</b>	NU0851
<b>CSC</b>	CS...
-	-
<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
<b>PR/3/AC</b> of steel	PR003
<b>PR/3/AS</b> same with slots	PR005

## 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