

Earth terminal blocks

- mounted onto PR/3 profiles conforming to IEC 60715 standards, TH/35 and "G32" type
- in a single yellow/green shell
- certificate **CESI 02 ATEX 061 U Ex e** I M2 / II 2 G D temperature range of use: -40 – +80°C
- **CoC IEC Ex CES 09.0010U** Ex e II
- maximum continual operating temperature 100°C



(*) with reference to upper and lower clamping units respectively

version to be mounted onto PR/3 rail	TE0.2	CBE.2	TE0.4
	Cat. No. T0910	Cat. No. CE110	Cat. No. T0430
TECHNICAL CHARACTERISTICS			
function/type	earth	earth (2 inputs / 2 outputs)	earth
rated cross-section (mm ²)	2.5	2.5	4
connecting capacity			
flexible (mm ²)	0.2 – 4	0.2 – 4	0.2 – 6
rigid (mm ²)	0.2 – 4	0.2 – 4	0.2 – 6
max. flexible with ferrule (mm) - ferrule type	2.5 - WP25/14	2.5 - WP25/14	4 - WP40/16
rated voltage / rated current / gauge conf. to IEC 60947-7-1	- / - / A3	- / - / A3	- / - / A4
rated voltage / rated current / AWG / tightening torque value UL (Ex e) rated voltage (V)	- / - / 20-14 AWG / 5.5 lb.in.	- / 15 A / 20 – 14 AWG / 5.5 lb.in.	- / - / 20 – 12 AWG / 5.5 lb.in.
rated impulse withstand voltage / pollution degree	8 KV / 3	8 KV / 3	8 KV / 3
insulation stripping length (mm)	12	8 - 14,5 (*)	14
tightening torque value (test / max) (Nm)	0.4 / 0.8	0.4 / 0.5	0.5 / 1.2
height / width / thickness TH/35 7.5 mm	47 / 50 / 5.5	52 / 50 / 5	52 / 50 / 6.5
height / width / thickness TH/35 15 mm	55 / 50 / 5.5	60 / 50 / 5	60 / 50 / 6.5
height / width / thickness G32	-	56 / 50 / 5	-
APPROVALS			
ACCESSORIES	Type Cat. No.	Type Cat. No.	Type Cat. No.
End section green	TE0.2/PT T0911	CBR/PT CR111	TE0.4/PT T0431
Marking tag printed or blank	CNU/8/51 NU0851	CNU/8/51 NU0851	CNU/8/51 NU0851
Numbering strip	-	CNU/8/51 NU0851	-
End bracket	BTU for PR/DIN and PR/3 BT005 BT/3-BT0 for PR/3 only BT003-BT007	BTU for PR/DIN and PR/3 BT005 BT/3-BT0 for PR/3 only BT003-BT007 BT/DIN/PO for PR/DIN only BT001	BTU for PR/DIN and PR/3 BT005 BT/3-BT0 for PR/3 only BT003-BT007

MAXIMUM SHORT-TIME WITHSTAND CURRENTS ALLOCATED TO THE RAIL PROFILE				
Rail profile	Material	Equivalent E-cu cross-section mm ²	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
"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