

Earth terminal blocks

with **UL94V-0 polyamide insulating body**

- to be mounted onto PR/DIN type rails according to IEC 60715 Std., TH/35 and "G32" types
- in a single green / yellow insulating case
- **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 and PR/DIN rails according to IEC 60715 Std.

(*) 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			
version to be mounted onto PR/DIN rail						
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 ²)-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 / 0,8	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 sections	TE0.2/PT	T0911	CBR/PT	CR111	TE0.4/PT	T0431
Marking tag	CNU/8/51	NU0851	CNU/8/51	NU0851	CNU/8/51	NU0851
Numbering strip	CSC	CS...	CSC	CS...	CSC	CS...
End bracket	-		CNU/8/51	NU0851	-	
Mounting rail according to IEC 60715 Std.	BTU for PR/DIN and PR/3	BT005	BTU for PR/DIN and PR/3	BT005	BTU for PR/DIN and PR/3	BT005
	BT/3-BTO for PR/3 only	BT003-BT007	BT/3-BTO for PR/3 only	BT003-BT007	BT/3-BTO for PR/3 only	BT003-BT007
	BT/DIN/PO for PR/DIN only	BT001	PR/DIN/AS of steel	PR001		
			PR/DIN/AS same with slots	PR004		
			PR/DIN/AL of aluminium	PR002		
	PR/3/AC of steel	PR003	PR/3/AC of steel	PR003	PR/3/AC of steel	PR003
	PR/3/AS same with slots	PR005	PR/3/AS same with slots	PR005	PR/3/AS same with slots	PR005

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
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