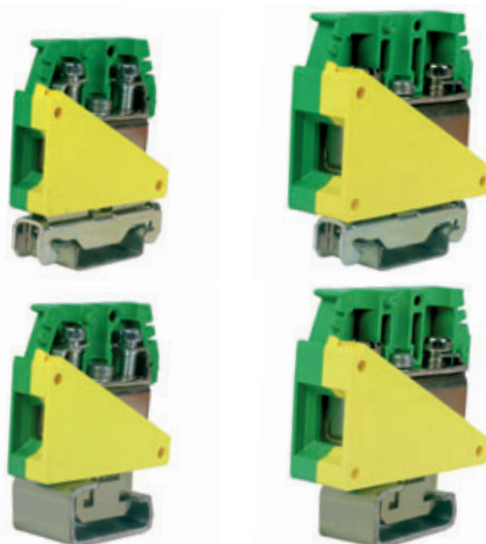


Earth terminal blocks

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



Without green / yellow insulating case



version to be mounted onto PR/3 rail		TE.16/O	Cat. No. T0210	TE.50/O	Cat. No. T0310		
version to be mounted onto PR/DIN rail		TE.16/D	Cat. No. TE210	TE.50/D	Cat. No. TE310	TTN.35	Cat. No. TT300
TECHNICAL CHARACTERISTICS							
function / type		earth		earth		earth	
rated cross-section	(mm²)	16		50		35	
connecting capacity							
flexible	(mm²)	0,5 ÷ 25		1,5 ÷ 50		1,5 ÷ 50	
rigid	(mm²)	0,5 ÷ 25		1 ÷ 70		1 ÷ 70	
max. flexible with ferrule (mm²)-ferrule type		16 - WP160/22		50 - WP500/40		35 - WP350/30	
rated voltage / rated current / gauge	conf. to IEC 60947-7-1	- / 76 A / B7		- / 125 A / B9		- / 125 A / B9	
rated voltage / rated current / AWG / tightening torque value	UL	- / - / 20-3 AWG / 13,3 lb.in		- / - / 16-1 AWG / 33,2 lb.in		- / - / -	
(Ex e) rated voltage	 /  (V)	-		-		-	
rated impulse withstand voltage / pollution degree		8 kV / 3		8 kV / 3		- / 3	
insulation stripping length	(mm)	13		17		15	
tightening torque value (test / max)	(Nm)	1,8 / 3		2,5 / 5		2,5 / 5	
height / width / thickness	 TH/35 7,5 mm	56 / 47 / 12		62 / 57 / 18		-	
height / width / thickness	 TH/35 15 mm	64 / 47 / 12		70 / 57 / 18		-	
height / width / thickness	 G32	57,5 / 46,5 / 12		63 / 57 / 18		60 + D / 58 / 11	
APPROVALS		  		  			
		   		   			
ACCESSORIES		Type	Cat. No.	Type	Cat. No.	Type	Cat. No.
End sections	verde	-		-		-	
Marking tag	printed or blank	CNU/8/51	NU0851	CNU/8/51	NU0851	CNU/8/51	NU0851
		CSC	CS...	CSC	CS...	CSC	CS...
Numbering strip		-		-		-	
End bracket		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	BT/DIN/PO for PR/DIN only	BT001	BT/DIN/PO for PR/DIN only	BT001
		PR/DIN/AC of steel	PR001	PR/DIN/AC of steel	PR001	PR/DIN/AC of steel	PR001
		PR/DIN/AS same with slots	PR004	PR/DIN/AS same with slots	PR004	PR/DIN/AS same with slots	PR004
		PR/DIN/AL of aluminium	PR002	PR/DIN/AL of aluminium	PR002	PR/DIN/AL of aluminium	PR002
Mounting rail							
according to IEC 60715 Std.							
							

Taken from
CEI EN 60947-7-2
standard

MAXIMUM SHORT-TIME WITHSTAND CURRENTS ALLOCATED TO THE RAIL PROFILE				
Rail profile	Material	Equivalent E-cu cross-section mm²	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