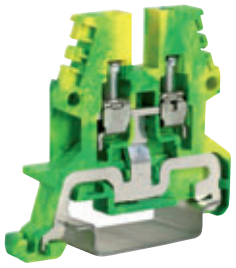
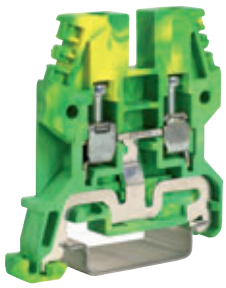
Earth terminal blocks

with UL94V-0 polyamide insulating body

- to be mounted onto PR/3 type rails – according to IEC 60715 Std., "TH/35" and "G32" type
- in a single green/yellow insulating case
- **CESI 03ATEX 162 U** Ex e certificate I M2 / II 2 G D operating temperature range: –40 ÷ +80 °C





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

	TE0.2 Cat. No. T0910	CBE.2 Cat. No. CE110	TE0.4 Cat. No. T0430
version to be mounted onto PR/3 rail			
version to be mounted onto PR/DIN rail			
TECHNICAL CHARACTERISTICS			
function / type	earth	earth (2 inputs / 2 outputs)	earth
rated cross-section (mm²)	2,5	2,5	4
connecting capacity			
flexible (mm²)	0,2 ÷ 4	0,2 ÷ 4	0,2 ÷ 6
rigid (mm²)	0,2 ÷ 4	0,2 ÷ 4	0,2 ÷ 6
max. flexible with ferrule (mm²)-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 UL - cUL	25 A /20-12 AWG	- / - / 20-14 AWG	- / - / 20-12 AWG
(Ex e) rated voltage ⊔ / ⊔ (V)	-	-	
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 / recommended) (Nm)	0,4 / 0,8	0,4 / 0,8	0,5 / 12
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	cULus Ex, KEMA KEUR, Terna LV 27/7, Enel Distribuzione DV 27/7	cULus, KEMA KEUR	cULus Ex, KEMA KEUR, Terna LV 27/7, Enel Distribuzione DV 27/7
ACCESSORIES			
Type / **Cat. No.**			
End sections green	**TE0.2/PT** T0911	**CBR/PT** CR111	**TE0.4/PT** T0431
Marking tag printed or blank	**CNU/8** NU...	**CNU/8** NU...	**CNU/8** NU...
	CSC CS...	**CSC** CS...	**CSC** CS...
Numbering strip	**SNZ/5** SN001	**SNZ/508** SN009	**SNZ/65** SN006
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	
Mounting rail according to IEC 60715 Std. ⊔	-	**PR/DIN/AC** 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 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

Taken from CEI EN 60947-7-2 standard