

# Earth terminal blocks

with UL94V-0 polyamide insulating body

- mounting onto PR/3 type rails - according to IEC 60715 Std., "TH/35" type
- mounting onto PR/DIN type rails - according to IEC 60715 Std., "G32" type
- in 2 green / yellow insulating cases
- same profile and dimensions of the corresponding terminals of the CBC and GPA Series



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

**TEC.35/O**  
Cat. No. **T0320**






**TEC.70/O**  
Cat. No. **T0810**



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



**TEC.35/D**  
Cat. No. **TE320**

**TEC.70/D**  
Cat. No. **TE820**

## TECHNICAL CHARACTERISTICS

function / type	
rated cross-section	(mm <sup>2</sup> )
connecting capacity	
flexible	(mm <sup>2</sup> )
rigid	(mm <sup>2</sup> )
max. flexible with ferrule (mm <sup>2</sup> )-ferrule type	
tension nom. / corrente nom. / calibre	sec. IEC 60947-7-2
rated voltage / rated current / AWG	UL
(Ex e) rated voltage  / 	(V)
rated impulse withstand voltage / pollution degree	
insulation stripping length	(mm)
tightening torque value (test / recommended)	(Nm)
height / width / thickness	 TH/35 7,5 mm
height / width / thickness	 TH/35 15 mm
height / width / thickness	 G32

earth terminal block	35
connecting capacity	2,5 ÷ 50
flexible	2,5 ÷ 50
rigid	-
max. flexible with ferrule (mm <sup>2</sup> )-ferrule type	-
tension nom. / corrente nom. / calibre	- / 125 A / B9
rated voltage / rated current / AWG	-
(Ex e) rated voltage  / 	-
rated impulse withstand voltage / pollution degree	12 kV / 3
insulation stripping length	18
tightening torque value (test / recommended)	2,5 / 5
height / width / thickness	63 / 56 / 16
height / width / thickness	71 / 56 / 16
height / width / thickness	64 / 56 / 16


earth terminal block	70
connecting capacity	10 ÷ 95
flexible	10 ÷ 95
rigid	-
max. flexible with ferrule (mm <sup>2</sup> )-ferrule type	-
tension nom. / corrente nom. / calibre	- / 192 A / B11
rated voltage / rated current / AWG	-
(Ex e) rated voltage  / 	-
rated impulse withstand voltage / pollution degree	12 kV / 3
insulation stripping length	25
tightening torque value (test / recommended)	6 / 9 (vite cava esag. chiave 4 mm)
height / width / thickness	74 / 70 / 20,5
height / width / thickness	82 / 70 / 20,5
height / width / thickness	75 / 70 / 20,5

## APPROVALS

KEMA-KEUR, UL, cUL, ATEX Ex e and IEC Ex pending

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## ACCESSORIES

End sections	
Marking tag	printed or blank
Numbering strip	
End bracket	
Mounting rail according to IEC 60715 Std.	
	

Type	Cat. No.
-	-
<b>CNU/8</b>	NU...
<b>CSC</b>	CS...
<b>SNZ/8</b>	SN004
<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/3/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</b>	NU...
<b>CSC</b>	CS...
<b>SNZ/10</b>	SH005
<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/3/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

To locate additional product specifications and technical drawings go to [www.asi-ez.com](http://www.asi-ez.com)