

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.6/O Cat. No. T0120	TEC.10/O Cat. No. T0510	TEC.16/O Cat. No. T0220
version to be mounted onto PR/DIN rail	TEC.6/D Cat. No. TE120	TEC.10/D Cat. No. TE510	TEC.16/D Cat. No. TE220
TECHNICAL CHARACTERISTICS			
function / type	earth terminal block	earth terminal block	earth terminal block
rated cross-section (mm ²)	6	10	16
connecting capacity			
flexible (mm ²)	0,5 ÷ 10	1,5 ÷ 16	1,5 ÷ 25
rigid (mm ²)	0,5 ÷ 10	1,5 ÷ 16	1,5 ÷ 25
max. flexible with ferrule (mm ²)-ferrule type	6 - WP60/20	10 - WP100/21	16 - WP160/22
tensione nom. / corrente nom. / calibre sec. IEC 60947-7-2	- / 41 A / A5	- / 57 A / B6	- / 76 A / B7
rated voltage / rated current / AWG (Ex e) rated voltage (V)	-	-	-
rated impulse withstand voltage / pollution degree	12 KV / 3	12 KV / 3	12 KV / 3
insulation stripping length (mm)	10	12	18
tightening torque value (test / max) (Nm)	0,8 / 1,4	1,2 / 1,9	-
height / width / thickness TH/35 7,5 mm	52 / 44 / 8	52 / 44 / 10	56 / 47 / 12
height / width / thickness TH/35 15 mm	60 / 44 / 8	60 / 44 / 10	64 / 47 / 12
height / width / thickness G32	53 / 44 / 8	53 / 44 / 10	57 / 47 / 12

APPROVALS



UL, cUL, ATEX Ex e and IEC Ex pending



UL, cUL, ATEX Ex e and IEC Ex pending



UL, cUL, ATEX Ex e and IEC Ex pending

ACCESSORIES	Type	Cat. No.	Type	Cat. No.	Type	Cat. No.
End sections	-	-	-	-	-	-
Marking tag printed or blank	CNU/8/51	NU0851	CNU/8/51	NU0851	CNU/8/51	NU0851
Numbering strip	-	-	CSC	CS...	CSC	CS...
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
Mounting rail according to IEC 60715 Std.	PR/DIN/AC of steel	PR001	PR/DIN/AC of steel	PR001	PR/DIN/AC of steel	PR001
	PR/3/AS same with slots	PR004	PR/3/AS same with slots	PR004	PR/3/AS same with slots	PR004
	PR/DIN/AL of aluminium	PR002	PR/DIN/AL of aluminium	PR002	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