

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 green	TE0.2/PT	T0911	CBR/PT	CR111	TE0.4/PT	T0431
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	-	NU0851	CNU/8/51	NU0851	-	
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
Mounting rail according to IEC 60715 Std.	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/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/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

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
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-40 ÷ +80 °C
- **CoC IEC Ex CES 09.0009U** Ex e II



version to be mounted onto PR/3 rail

version to be mounted onto PR/DIN rail

TECHNICAL CHARACTERISTICS	
function / type	earth
rated cross-section (mm ²)	4
connecting capacity	
flexible (mm ²)	0,2 ÷ 6
rigid (mm ²)	0,2 ÷ 6
max. flexible with ferrule (mm ²)-ferrule type	4 - WP40/16
rated voltage / rated current / gauge conf. to IEC 60947-7-1	- / - / A4
rated voltage / rated current / AWG / tightening torque value UL (Ex e) rated voltage (V)	- / - / 20-12 AWG / 5,5 lb.in.
rated impulse withstand voltage / pollution degree	-
insulation stripping length (mm)	8 KV / 3
tightening torque value (test / max) (Nm)	10
height / width / thickness TH/35 7,5 mm	0,5 / 1,2
height / width / thickness TH/35 15 mm	-
height / width / thickness G32	56 / 50 / 6,5

TE.4 Cat. No. **TE400**

earth	6
connecting capacity	
flexible (mm ²)	0,5 ÷ 10
rigid (mm ²)	0,5 ÷ 10
max. flexible with ferrule (mm ²)-ferrule type	6 - WP60/20
rated voltage / rated current / gauge conf. to IEC 60947-7-1	- / - / A5
rated voltage / rated current / AWG / tightening torque value UL (Ex e) rated voltage (V)	- / - / 20-8 AWG / 13,3 lb.in.
rated impulse withstand voltage / pollution degree	-
insulation stripping length (mm)	8 KV / 3
tightening torque value (test / max) (Nm)	12
height / width / thickness TH/35 7,5 mm	0,8 / 1,4
height / width / thickness TH/35 15 mm	52 / 47 / 8
height / width / thickness G32	60 / 47 / 8

TE.6/0 Cat. No. **T0110**

TE.6/D Cat. No. **TE110**

earth	10
connecting capacity	
flexible (mm ²)	0,5 ÷ 16
rigid (mm ²)	0,5 ÷ 16
max. flexible with ferrule (mm ²)-ferrule type	10 - WP100/21
rated voltage / rated current / gauge conf. to IEC 60947-7-1	- / - / B6
rated voltage / rated current / AWG / tightening torque value UL (Ex e) rated voltage (V)	- / - / 20-8 AWG Str. / 13,3 lb.in.
rated impulse withstand voltage / pollution degree	-
insulation stripping length (mm)	8 KV / 3
tightening torque value (test / max) (Nm)	13
height / width / thickness TH/35 7,5 mm	1,2 / 1,9
height / width / thickness TH/35 15 mm	55 / 47 / 10
height / width / thickness G32	63 / 47 / 10

TE.10/0 Cat. No. **T0500**

TE.10/D Cat. No. **TE500**

earth	56 / 50 / 6,5
connecting capacity	
flexible (mm ²)	0,5 ÷ 10
rigid (mm ²)	0,5 ÷ 10
max. flexible with ferrule (mm ²)-ferrule type	6 - WP60/20
rated voltage / rated current / gauge conf. to IEC 60947-7-1	- / - / A5
rated voltage / rated current / AWG / tightening torque value UL (Ex e) rated voltage (V)	- / - / 20-8 AWG / 13,3 lb.in.
rated impulse withstand voltage / pollution degree	-
insulation stripping length (mm)	8 KV / 3
tightening torque value (test / max) (Nm)	12
height / width / thickness TH/35 7,5 mm	0,8 / 1,4
height / width / thickness TH/35 15 mm	52 / 47 / 8
height / width / thickness G32	60 / 47 / 8

APPROVALS

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

Type	Cat. No.
TEO.4/PT	T0431
CNU/8/51	NU0851
CSC	CS...
BTU for PR/DIN and PR/3	BT005
BT/3-BTO for PR/3 only	BT003-BT007
BT/DIN/PO for PR/DIN only	BT001
PR/DIN/AC of steel	PR001
PR/DIN/AS same with slots	PR004
PR/DIN/AL of aluminium	PR002

Type	Cat. No.
-	-
CNU/8/51	NU0851
CSC	CS...
BTU for PR/DIN and PR/3	BT005
BT/DIN/PO for PR/DIN only	BT001
BT/3-BTO for PR/3 only	BT003-BT007
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/AS same with slots	PR005

Type	Cat. No.
-	-
CNU/8/51	NU0851
CSC	CS...
BTU for PR/DIN and PR/3	BT005
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PR/DIN/AL of aluminium	PR002
PR/3/AC of steel	PR003
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MAXIMUM SHORT-TIME WITHSTAND CURRENTS ALLOCATED TO THE RAIL PROFILE

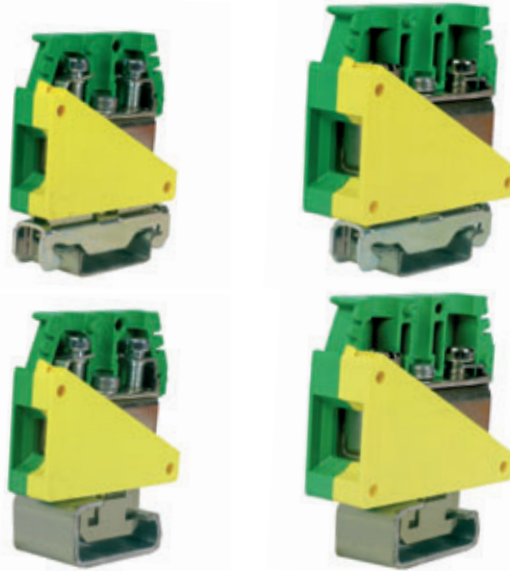
Rail profile	Material	Equivalent E-cu cross-section mm ²	Short-time withstand current 1 s kA	Thermal rated current of a PEN busbar A
"Top hat" rail IEC 60715/TH 15 - 5,5	Steel	10	1,2	-
	Copper	25	3	101
	Aluminium	16	1,92	76
G32-type rail IEC 60715/G32	Steel	35	4,2	-
	Copper	120	14,4	269
	Aluminium	70	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

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- to be mounted onto PR/DIN type rails according to IEC 60715 Std., "G32" type
- in 2 green / yellow insulating cases
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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	
rated cross-section (mm ²)	
connecting capacity	
flexible (mm ²)	
rigid (mm ²)	
max. flexible with ferrule (mm ²)-ferrule type	
rated voltage / rated current / gauge conf. to IEC 60947-7-1	
rated voltage / rated current / AWG / tightening torque value UL (Ex e) rated voltage (V)	
rated impulse withstand voltage / pollution degree	
insulation stripping length (mm)	
tightening torque value (test / max) (Nm)	
height / width / thickness TH/35 7,5 mm	
height / width / thickness TH/35 15 mm	
height / width / thickness G32	

earth	
16	
0,5 ÷ 25	
0,5 ÷ 25	
16 - WP160/22	
- / 76 A / B7	
- / - / 20-3 AWG / 13,3 lb.in	
-	
8 KV / 3	
13	
1,8 / 3	
56 / 47 / 12	
64 / 47 / 12	
57,5 / 46,5 / 12	

earth	
50	
1,5 ÷ 50	
1 ÷ 70	
50 - WP500/40	
- / 125 A / B9	
- / - / 16-1 AWG / 33,2 lb.in	
-	
8 KV / 3	
17	
2,5 / 5	
62 / 57 / 18	
70 / 57 / 18	
63 / 57 / 18	

earth	
35	
1,5 ÷ 50	
1 ÷ 70	
35 - WP350/30	
- / 125 A / B9	
- / - / -	
- / 3	
15	
2,5 / 5	
-	
60 + D / 58 / 11	

APPROVALS



ACCESSORIES

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

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BTU for PR/DIN and PR/3	BT005
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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
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