


Earth terminal blocks

- mounted onto PR/3 profiles conforming to IEC 60715 standards, TH/35 type
- mounted onto PR/DIN profiles conforming to IEC 60715 standards, "G32" type
- in two yellow/green shells
- certificate **CESI 02 ATEX 061 U Ex e** 
I M2 / II 2 G D temperature range of use:
-40 – +80°C
- **CoC IEC Ex CES 09.0010U Ex e II**
- maximum continual operating temperature 100°C



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

TE.6/0	Cat. No.	T0110
TE.6/D	Cat. No.	TE110

TE.10/0	Cat. No.	T0500
TE.10/D	Cat. No.	TE500

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	4
flexible	0.2 – 6
rigid	0.2 – 6
max. flexible with ferrule (mm ²) - ferrule type	4 - WP40/16
rated voltage / rated current / gauge	- / - / A4
rated voltage / rated current / AWG / tightening torque value	- / - / 20-12 AWG / 5.5 lb.in.
rated impulse withstand voltage / pollution degree	8 KV / 3
insulation stripping length	10
tightening torque value (test / max)	0.5 / 1.2
height / width / thickness	-
height / width / thickness	56 / 50 / 6.5

earth	6
flexible	0.5 – 10
rigid	0.5 – 10
max. flexible with ferrule (mm ²) - ferrule type	6 - WP60/20
rated voltage / rated current / gauge	- / - / A5
rated voltage / rated current / AWG / tightening torque value	- / - / 20-8 AWG / 13.3 lb.in
rated impulse withstand voltage / pollution degree	8 KV / 3
insulation stripping length	12
tightening torque value (test / max)	0.8 / 1.4
height / width / thickness	52 / 47 / 8
height / width / thickness	60 / 47 / 8
height / width / thickness	53 / 42 / 8

earth	10
flexible	0.5 – 16
rigid	0.5 – 16
max. flexible with ferrule (mm ²) - ferrule type	10 - WP100/21
rated voltage / rated current / gauge	- / - / B6
rated voltage / rated current / AWG Str. / tightening torque value	- / - / 20-8 AWG Str. / 13.3 lb.in
rated impulse withstand voltage / pollution degree	8 KV / 3
insulation stripping length	13
tightening torque value (test / max)	1.2 / 1.9
height / width / thickness	55 / 47 / 10
height / width / thickness	63 / 47 / 10
height / width / thickness	56 / 44 / 10

APPROVALS



ACCESSORIES	
End section	green
Marking tag	printed or blank
Numbering strip	
End bracket	

Type	Cat. No.
TE0.4/PT	T0431
CNU/8/51	NU0851
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

Type	Cat. No.
CNU/8/51	NU0851
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

Type	Cat. No.
CNU/8/51	NU0851
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

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 mounting 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

Earth terminal blocks with UL94V-0 polyamide insulating body

- mounted onto PR/3 profiles conforming to IEC 60715 standards, TH/35 type
- in 2 yellow / green shells
- same profile and dimensions of the corresponding terminal blocks of the CBC and GPA Series
- maximum continual operating temperature 100°C



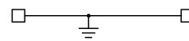
version to be mounted onto PR/3 rail

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 60947-7-2
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 / max)	(Nm)
height / width / thickness	TH/35 7.5 mm
height / width / thickness	TH/35 15 mm

TEC.35/0

Cat. No. **T0320**



earth terminal block
35

2.5 – 50
2.5 – 50
-

- / 125 A / B9

-

12 KV / 3

18

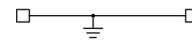
2.5 / 5

63 / 56 / 16

71 / 56 / 16

TEC.70/0

Cat. No. **T0810**



earth terminal block
71

10 – 95
10 – 95

- / 192 A / B11

-

12 KV / 3

25

6 / 9 (Allen screw, 4 mm wrench)

74 / 70 / 20.5

81.5 / 70 / 20.5

APPROVALS



ACCESSORIES

End section	
Marking tag	printed or blank
Numbering strip	
End bracket	

Type	Cat. No.
-	-
CNU/8/51	NU0851
-	-
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

Type	Cat. No.
-	-
CNU/8/51	NU0851
-	-
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

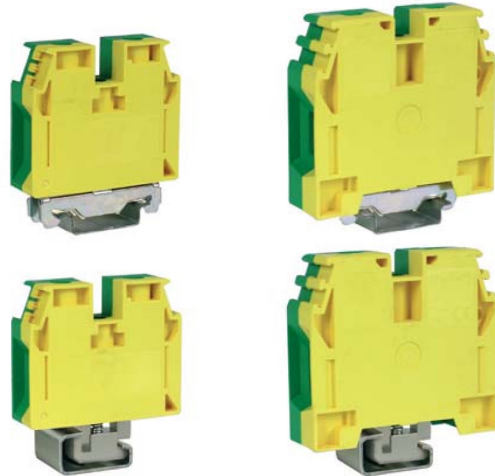
MAXIMUM SHORT-TIME WITHSTAND CURRENTS ALLOCATED TO THE RAIL PROFILE

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
"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

- 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/DIN rail	
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	
tensione nom. / corrente nom. / calibro 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 / max) (Nm)	
height / width / thickness TH/35 7,5 mm	
height / width / thickness TH/35 15 mm	
height / width / thickness G32	

TEC.35/D	Cat. No.	TE320
earth terminal block		
35		
2,5 ÷ 50		
2,5 ÷ 50		
-		
- / 125 A / B9		
-		
12 KV / 3		
18		
2,5 / 5		
63 / 56 / 16		
71 / 56 / 16		
64 / 56 / 16		

TEC.70/D	Cat. No.	TE820
earth terminal block		
71		
10 ÷ 95		
10 ÷ 95		
-		
- / 192 A / B11		
-		
12 KV / 3		
25		
6 / 9 (vite cava esag. chiave 4 mm)		
74 / 70 / 20,5		
81,5 / 70 / 20,5		
75 / 70 / 20,5		

APPROVALS



UL, cUL, ATEX Ex e and IEC Ex pending



UL, cUL, ATEX Ex e and IEC Ex pending

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


Type	Cat. No.
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/3/AS same with slots	PR004
PR/DIN/AL of aluminium	PR002
PR/3/AC of steel	PR003
PR/3/AS same with slots	PR005

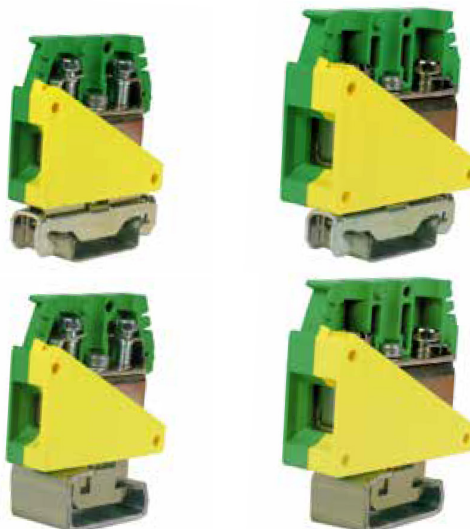
Type	Cat. No.
CNU/8/51	NU0851
CSC	CS...
BTU for PR/DIN and PR/3	BT005
BT/3-BTO for PR/3 only	BT003-BT007
BT/DIN/PO for PR/DIN only	BT001
PR/DIN/AC of steel	PR001
PR/3/AS same with slots	PR004
PR/DIN/AL of aluminium	PR002
PR/3/AC of steel	PR003
PR/3/AS same with slots	PR005



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

- mounted onto PR/3 profiles conforming to IEC 60715 standards, TH/35 type
- mounted onto PR/DIN profiles conforming to IEC 60715 standards, "G32" type
- in two yellow/green shells
- certificate **CESI 02 ATEX 061 U** Ex e  I M2 / II 2 G D temperature range of use: -40 – +80°C
- **CoC IEC Ex CES 09.0010U** Ex e II
- maximum continual operating temperature 100°C



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

TE.16/O	Cat. No.	T0210
TE.16/D	Cat. No.	TE210

TE.50/O	Cat. No.	T0310
TE.50/D	Cat. No.	TE310

TECHNICAL CHARACTERISTICS

function/type	
rated cross-section	(mm ²)
connecting capacity	
flexible	(mm ²)
rigid	(mm ²)
max. flexible with ferrule (mm) - 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
57.5 / 46.5 / 12	64 / 47 / 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
63 / 57 / 18	70 / 57 / 18



APPROVALS


ACCESSORIES	
End section	green
Marking tag	printed or blank
Numbering strip	
End bracket	

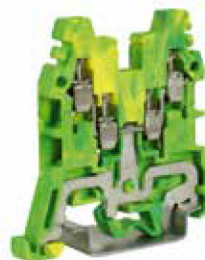
Type	Cat. No.
-	-
CNU/8/51	NU0851
-	-
BTU for PR/DIN and PR/3	BT005
BT/3-BTO for PR/3 only	BT003-BT007
BT/DIN/PO for PR/DIN only	BT001

Type	Cat. No.
-	-
CNU/8/51	NU0851
-	-
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

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 mounting 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	96	11.4	232

Earth terminal blocks

- mounted onto PR/3 profiles conforming to IEC 60715 standards, TH/35 and "G32" type
- in a single yellow/green shell
- certificate **CESI 02 ATEX 061 U Ex e** 
 - I M2 / II 2 G D temperature range of use: -40 – +80°C
- **CoC IEC Ex CES 09.0010U Ex e II**
- maximum continual operating temperature 100°C



(* with reference to upper and lower clamping units respectively)

version to be mounted onto PR/3 rail

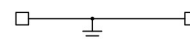
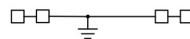
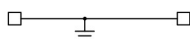
TEO.2 Cat. No. **T0910**

CBE.2 Cat. No. **CE110**

TEO.4 Cat. No. **T0430**

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	
2.5	
0.2 - 4	
0.2 - 4	
2.5 - WP25/14	
- / - / A3	
- / - / 20-14 AWG / 5.5 lb.in.	
-	
8 KV / 3	
12	
0.4 / 0.8	
47 / 50 / 5.5	
55 / 50 / 5.5	
-	

earth (2 inputs / 2 outputs)	
2.5	
0.2 - 4	
0.2 - 4	
2.5 - WP25/14	
- / - / A3	
- / 15 A / 20 - 14 AWG / 5.5 lb.in.	
-	
8 KV / 3	
8 - 14,5 (*)	
0.4 / 0.5	
52 / 50 / 5	
60 / 50 / 5	
56 / 50 / 5	

earth	
4	
0.2 - 6	
0.2 - 6	
4 - WP40/16	
- / - / A4	
- / - / 20 - 12 AWG / 5.5 lb.in.	
-	
8 KV / 3	
14	
0.5 / 1.2	
52 / 50 / 6.5	
60 / 50 / 6.5	
-	

APPROVALS



ACCESSORIES

End section	green
Marking tag	printed or blank
Numbering strip	
End bracket	

Type	Cat. No.
TEO.2/PT	T0911
CNU/8/51	NU0851
-	-
BTU for PR/DIN and PR/3	BT005
BT/3-BTO for PR/3 only	BT003-BT007

Type	Cat. No.
CBR/PT	CR111
CNU/8/51	NU0851
-	-
CNU/8/51	NU0851
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

Type	Cat. No.
TEO.4/PT	T0431
CNU/8/51	NU0851
-	-
BTU for PR/DIN and PR/3	BT005
BT/3-BTO for PR/3 only	BT003-BT007

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
"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