



CESI 02 ATEX 061 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 09.0010U
Ex eb I Mb
Ex eb IIC Gb



YELLOW/GREEN VERSION

CODE
TYPE

T0910

TE0.2

CE110

CBE.2

T0430

TE0.4

TECHNICAL CHARACTERISTICS

Function/type		Earth terminal block	Earth terminal block	Earth terminal block
Rated cross-section	[mm ²]	2.5	2.5	4
Connecting capacity	Flexible	0.2 - 4	0.2 - 4	0.2 - 6
	Rigid	0.2 - 4	0.2 - 4	0.2 - 6
	Max. flexible with ferrule - ferrule type	2.5 - WP25/14	2.5 - WP25/14	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	-	-	-
	Current with rated cross-section	-	-	-
	Section	Caliber A3	A3	A4
Electrical characteristics According to UL	Max AC/DC Voltage	-	-	-
	Current with rated cross-section	-	-	-
	Section Min - Max	20 - 14	20 - 14	20 - 12
	Tightening torque	5.5	5.5	5.5
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	-	-	-
	Current with rated cross-section	24	-	32
	Operating Temperature	-40 ÷ +110	-	-40 ÷ +110
Rated impulse withstand voltage/pollution degree		8 kV / 3	8 kV / 3	8 kV / 3
Insulation stripping length	(mm)	12	8	14
Tightening torque value Nominal / Max	(Nm)	0.4 / 0.8	0.4 / 0.5	0.5 / 1.2
Length	(mm)	50	50	50
Width	(mm)	5.5	5	6.5
Height mounted on TH35/7.5	(mm)	47	52	52
Height mounted on TH35/15	(mm)	55	60	60
Height mounted on G32	(mm)	-	56	-
Insulation material temperature index [EN 60216-1]	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	green	TE0.2/PT (cod. T0911)	CBR/PT (cod. CR111)	TE0.4/PT (cod. T0431)
Numbering strip		-	CNU/08/51 (cod. NU0851S)	-
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 e G32	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Screw G32	-	BT/DIN/PO (cod. 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



CESI 02 ATEX 061 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 09.0010U
Ex eb I Mb
Ex eb IIC Gb



YELLOW/GREEN VERSION

CODE
TYPE

TE400

TED.4

T0110

TE.6/0

T0500

TE.10/0

TECHNICAL CHARACTERISTICS

Function/type		Earth terminal block	Earth terminal block	Earth terminal block
Rated cross-section	[mm ²]	4	6	10
Connecting capacity	Flexible	0.2 - 6	0.5 - 10	0.5 - 16
	Rigid	0.2 - 6	0.5 - 10	0.5 - 16
	Max. flexible with ferrule - ferrule type	4 - WP40/16	6 - WP60/20	10 - WP100/21
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	-	-	-
	Current with rated cross-section	-	-	-
	Section	Caliber A4	A5	B6
Electrical characteristics According to UL	Max AC/DC Voltage	-	-	-
	Current with rated cross-section	-	-	-
	Section Min - Max	20 - 12	20 - 8	20 - 8
	Tightening torque	5.5	13.3	13.3
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	-	-	-
	Current with rated cross-section	-	41	57
	Operating Temperature	-40 ÷ +80	-40 ÷ +110	-40 ÷ +110
Rated impulse withstand voltage/pollution degree		8 kV / 3	8 kV / 3	8 kV / 3
Insulation stripping length	(mm)	10	12	13
Tightening torque value Nominal / Max	(Nm)	0.5 / 1.2	0.8 / 1.4	1.2 / 1.9
Length	(mm)	50	47	47
Width	(mm)	6.5	8	10
Height mounted on TH35/7.5	(mm)	-	52	55
Height mounted on TH35/15	(mm)	-	60	63
Height mounted on G32	(mm)	56	-	-
Insulation material temperature index [EN 60216-1]	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	green	TE0.4/PT (cod. T0431)	-	-
Numbering strip		-	-	-
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 e G32	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Screw G32	BT/DIN/PO (cod. 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



CESI 02 ATEX 061 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 09.0010U
Ex eb I Mb
Ex eb IIC Gb



YELLOW/GREEN VERSION

CODE
TYPE

T0210

TE.16/0

T0310

TE.50/0

TE110

TE.6/D

TECHNICAL CHARACTERISTICS

Function/type		Earth terminal block	Earth terminal block	Earth terminal block
Rated cross-section	[mm ²]	16	50	6
Connecting capacity	Flexible	0.5 - 25	1.5 - 50	0.5 - 10
	Rigid	0.5 - 25	1 - 70	0.5 - 10
	Max. flexible with ferrule - ferrule type	16 - WP160/22	50 - WP500/40	6 - WP60/20
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	[V]	-	-
	Current with rated cross-section	[A]	-	-
	Section	Caliber	B7	A5
Electrical characteristics According to UL	Max AC/DC Voltage	[V]	-	-
	Current with rated cross-section	[A]	-	-
	Section Min - Max	[AWG]	20 - 3	20 - 8
	Tightening torque	[lb.in]	33.2	13.3
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	[V]	-	-
	Current with rated cross-section	[A]	76	41
	Operating Temperature	[°C]	-40 ÷ +110	-40 ÷ +110
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3	8 KV / 3
Insulation stripping length	[mm]	13	17	12
Tightening torque value Nominal / Max	[Nm]	1.8 / 3	2.5 / 5	0.8 / 1.4
Length	[mm]	47	57	42
Width	[mm]	12	18	8
Height mounted on TH35/7.5	[mm]	56	62	-
Height mounted on TH35/15	[mm]	64	70	-
Height mounted on G32	[mm]	-	-	53
Insulation material temperature index [EN 60216-1]	[°C]	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	green	-	-	-
Numbering strip		-	-	-
Marking tag		CNU/08/51 (cod. NU0851S) CNU/10/61 (cod. NU1061S)	CNU/08/51 (cod. NU0851S) CNU/10/61 (cod. NU1061S)	CNU/08/51 (cod. NU0851S) CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 e G32	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Screw G32	-	-	BT/DIN/PO (cod. 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



CES1 02 ATEX 061 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 09.0010U
Ex eb I Mb
Ex eb IIC Gb



YELLOW/GREEN VERSION

CODE
TYPE

TE500

TE.10/D

TE210

TE.16/D

TE310

TE.50/D

TECHNICAL CHARACTERISTICS

Function/type		Earth terminal block	Earth terminal block	Earth terminal block
Rated cross-section	[mm ²]	10	16	50
Connecting capacity	Flexible	0.5 - 16	0.5 - 25	1.5 - 50
	Rigid	0.5 - 16	0.5 - 25	1 - 70
	Max. flexible with ferrule - ferrule type	10 - WP100/21	16 - WP160/22	50 - WP500/40
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	[V]	-	-
	Current with rated cross-section	[A]	-	-
	Section	Caliber	B6	B7
Electrical characteristics According to UL	Max AC/DC Voltage	[V]	-	-
	Current with rated cross-section	[A]	-	-
	Section Min - Max	[AWG]	20 - 8	16 - 1
	Tightening torque	[lb.in]	13.3	33.2
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	[V]	-	-
	Current with rated cross-section	[A]	57	76
	Operating Temperature	[°C]	-40 ÷ +110	-40 ÷ +110
Rated impulse withstand voltage/pollution degree		8 kV / 3	8 kV / 3	8 kV / 3
Insulation stripping length	[mm]	13	13	17
Tightening torque value Nominal / Max	[Nm]	1.2 / 1.9	1.8 / 3	2.5 / 5
Length	[mm]	44	46.5	57
Width	[mm]	10	12	18
Height mounted on TH35/7.5	[mm]	-	-	-
Height mounted on TH35/15	[mm]	-	-	-
Height mounted on G32	[mm]	56	57.5	63
Insulation material temperature index [EN 60216-1]	[°C]	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	green	-	-	-
Numbering strip		-	-	-
Marking tag		CNU/08/51 (cod. NU0851S) CNU/10/61 (cod. NU1061S)	CNU/08/51 (cod. NU0851S) CNU/10/61 (cod. NU1061S)	CNU/08/51 (cod. NU0851S) CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 e G32	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. 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 - 5.5	Steel	50	6	-
	Copper	150	18	309
	Aluminium	95	11.4	232