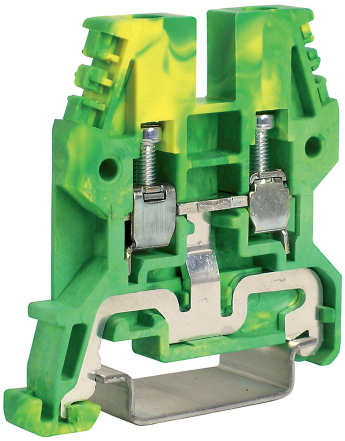
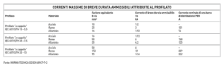
TO430





CORRENTI NASCOSTE DI ERRORE (CURVA APPROSSIMATA) ATTRIBUITE AL PERFILATO

Profilato	Materiale	Corrente di cortocircuito A-s	Corrente di cortocircuito ammissibile	Corrente nominale di breve durata ammissibile
		0,1	1s	1s
Profilato "a cappello" IEC 60715/EN TS 123	Acciaio Zincato	50	12	4
	Acciaio Inox	12	3	1
	Alluminio	6	1,5	0,5
Profilato "a cappello" G IEC 60715/EN TS 123	Acciaio Zincato	50	12	4
	Alluminio	6	1,5	0,5
Profilato "a cappello" W IEC 60715/EN TS 123	Acciaio Zincato	50	12	4
	Alluminio	6	1,5	0,5

Fonte: RFIMA/TECHNICAL/DOCUMENTS 1

screw terminal block 1 level earth connection, 4 mm²

Series	TE
Code	TO430
Type	TEO.4
Colour	Yellow-green
TECHNICAL FEATURES	
Function/Type	Earth terminal blocks
Rated cross-section	4 mm²
Connecting capacity	
Flexible wire	0.2-6 mm²
Rigid wire	0.2-6 mm²
Wire with ferrule - ferrule type	4 mm² – WP40/16
Electrical characteristics according to IEC EN standard	
Maximum voltage AC/DC	–
Maximum current (rated cross-section)	–
Caliber	A4
Electrical characteristics according to UL Standard	
Maximum voltage AC/DC	600 V
Maximum current (rated cross-section)	–
Section (min-max)	20-12 (AWG)
Tightening torque value (UL)	5.5 lb.in
Electrical characteristics according to ATEX directive and IEC Ex standard	
Maximum voltage AC/DC	–
Maximum current (rated cross-section)	32 A
Operating temperature Min/Max	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree	8 kV / 3
Insulation stripping length	14 mm
Tightening torque value (nom. / max.)	0.5 / 1.2 Nm
Widht (pitch)	6,5 mm
Length	50 mm
Height mounted on TH35-7.5/TH35-15/G32	52 / 60 / – mm
Insulation material temperature index (EN 60216-1)	130 °C
Plastic material	Polyamide UL94V-0
ACCESSORIES	
End section	
Grey	–
Green	TEO.4/PT (cod. TO431)
Thickness	–
Cross-connection	
Marking	
Single marking tag	CNU/8/51 (cod. NU0851S) – CNU/10/61 (cod. NU1061S)
Single marking tag for pitch insertion	–
End bracket	
TH35 screw type	BT/3 (cod. BT003)
TH35 snap-fit type	BTO (cod. BT007)
TH35 and G32 snap-fit type	BTU (cod. BT005)
Mounting rail	
IEC 60715/TH35	PR/3/...
IEC 60715/G32	PR/DIN/...
APPROVALS AND MARKINGS	

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