

ENTRELEC TERMINAL BLOCKS

COMPACT POWER BLOCKS - CBS50-4P

Screw Clamp Technology

50 mm² (1/0 AWG) , Double pole 1000 VAC/DC (IEC/UL), 150 A

INTRODUCTION

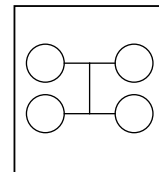
The compact terminal blocks cover a wide variety of applications from mechanical engineering, industrial equipment, automation to wind turbines, solar energy or switchgears. They offer cost, weight and space savings from enhanced aluminum body and compact design.

The range offers connection capacity from 50 mm² to 300 mm² and TS35 rail or panel mount.



FEATURES

- Screw-clamp technology
- 50 mm² (1/0 AWG)
- 1000V AC/DC - IEC/UL rated
- Current rating 150 A (IEC/UL)
- Double pole
- 6 colors (grey, blue, green, black, brown, red)
- Aluminum tin plated body
- Panel and Din-rail mounting



Approvals

IEC 60947-7-1

IEC 61238-1 (Class A)

UL-1059

UL 486E






















CSA C22.2 No.158-10

Conformity

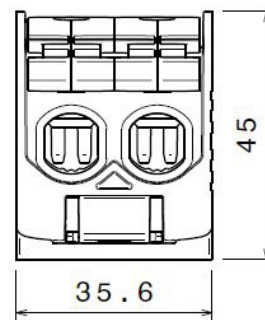
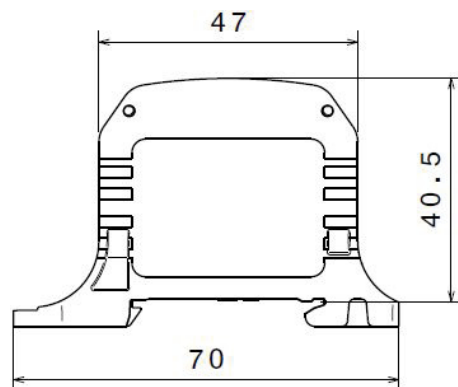


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MAIN TECHNICAL DATA

Remarks:	The product is compliant with the EC ROHS directives																																																																																							
Standards:	IEC 60947-7-1, IEC 61238-1	UL 1059, CSA-C22.2 No. 158																																																																																						
	CE	UL																																																																																						
Nominal Voltage:	1.000 V AC / 1.000 V DC	1.000 V AC																																																																																						
Nominal current:	Cu 150 A, Al 150 A	Cu 150 A, Al 120 A																																																																																						
Rated cross-section:	50 mm ²	AWG 1/0																																																																																						
Impulse withstand voltage:	8 kV																																																																																							
Pollution degree:	3																																																																																							
Surge voltage category:	III																																																																																							
CTI value:	550	550																																																																																						
Terminal cross section:	no. of connections: 2 x 50 mm ² (all conductor types)	no. of connections: 2 x AWG1/0 (all conductor types)																																																																																						
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	 solid	 compact stranded	 fine stranded with ferrule																																																																																					
Materials:	Terminal body: Aluminium	tin plated																																																																																						
	Housing: PA 6 (Halogen-free)																																																																																							
	Screws: Steel	zinc plated																																																																																						
Flame resistance:	Self-extinguishing																																																																																							
Mechanical data:	Dimensions: width x height x depth (mm):	35,6 x 45 x 70																																																																																						
Protection degree:	IP20																																																																																							

Dimensions (mm)



ORDERING DETAILS

Description	Color	Type	Part Number	Pkg qty Std/box	Weight 1 Piece (g)	EAN/UPC codes
50 mm ² Double pole	Grey -RAL7035	 CBS50-4P	1SNF516111R0000	5/40	76	3472599057715
	Grey/Blue -RAL7035/5012	 CBS50-4P-BL	1SNF516121R0000			3472599057722
	Grey/Green -RAL7035/6018	 CBS50-4P-GR	1SNF516131R0000			3472599057739
	Grey/Brown -RAL7035/8003	 CBS50-4P-BR	1SNF516141R0000			3472598016508
	Grey/Black -RAL7035/9005	 CBS50-4P-BK	1SNF516151R0000			3472598016515
	Grey/Red -RAL7035/3020	 CBS50-4P-RD	1SNF516161R0000			3472598016522
CBS50-IP20 Cover	Grey -RAL7035	 CBS50- Cover	1SNF916710R0000	54/972	2.5	3472599057937
Self-adhesive white label 12x5 mm 120 per card	White	VYT0512	1SNA235837R0000	20 cards/pack	10 (per card)	3472599021761

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INDUSTRIAL / ENTRELEC COMPACT POWER BLOCKS CBS95-2P/DATASHEET/ EN

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07/24