

ENTRELEC TERMINAL BLOCKS

COMPACT POWER BLOCKS - CBS185-2P

Screw Clamp Technology

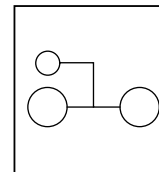
185 mm² (350 Kcmil) , Single pole 1000 VAC/DC (IEC/UL), 353 A

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
- 185 mm² (350 Kcmil)
- 1000V AC/DC - IEC/UL rated
- Current rating 353 A (IEC/UL)
- Single pole
- 6 colors (grey, blue, green, black, brown, red)
- Aluminum tin plated body
- Panel and Din-rail mounting
- One extra measurement connection 10 mm² (8 AWG)



Approvals

IEC 60947-7-1
IEC 61238-1 (Class A)
UL-1059
UL 486E
CSA C22.2 No.158-10



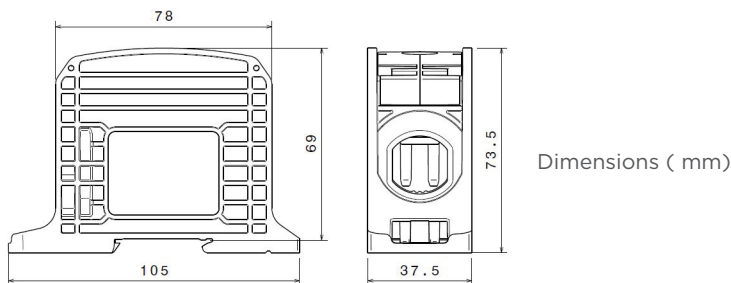
Conformity



COMPACT POWER BLOCKS - CBS185-2P

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																																							
																																										
Nominal Voltage:	1.000 V AC / 1.000 V DC		1.000 V AC																																							
Nominal current:	Cu 353 A		Cu 310 A, Al 250 A																																							
Rated cross-section:	185 mm ²		350 Kcmil																																							
Impulse withstand voltage:	8 kV																																									
Pollution degree:	3																																									
Surge voltage category:	III																																									
CTI value:	550		550																																							
Terminal cross section:	<table><tr><td rowspan="3"></td><td colspan="3">no. of connections: 2 x 185 mm² (all conductor types)</td></tr><tr><td colspan="2">IEC 60947-7-1</td><td>IEC 61238-1</td></tr><tr><td colspan="2">Cu</td><td>Al</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td>185 mm²</td><td rowspan="4">25 Nm</td><td>-</td><td rowspan="4"></td></tr><tr><td>150 mm²</td><td colspan="2" rowspan="3">25 Nm</td></tr><tr><td>120 mm²</td></tr><tr><td>95 mm²</td></tr><tr><td>70 mm²</td><td rowspan="4">-</td><td rowspan="9">20 Nm</td><td rowspan="7"></td></tr><tr><td>50 mm²</td></tr><tr><td>35 mm²</td></tr><tr><td>25 mm²</td></tr><tr><td>stripping length</td><td colspan="3">29 mm</td></tr><tr><td>allen screw</td><td colspan="3">M18 (SW 10 mm)</td></tr></table>				no. of connections: 2 x 185 mm ² (all conductor types)			IEC 60947-7-1		IEC 61238-1	Cu		Al					185 mm ²	25 Nm	-		150 mm ²	25 Nm		120 mm ²	95 mm ²	70 mm ²	-	20 Nm		50 mm ²	35 mm ²	25 mm ²	stripping length	29 mm			allen screw	M18 (SW 10 mm)			
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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): 37,5 x 73,5 x 105																																									
Protection degree:	IP20																																									



ORDERING DETAILS

Description	Color	Type	Part Number	Pkg qty Std/box	Weight 1 Piece (g)	EAN/UPC codes
185 mm ² Single pole	Grey -RAL7035	 CBS185-2P	1SNF536011R0000	1/12	206	3472599057869
	Grey/Blue -RAL7035/5012	 CBS185-2P-BL	1SNF536021R0000			3472599057876
	Grey/Green -RAL7035/6018	 CBS185-2P-GR	1SNF536031R0000			3472598016591
	Grey/Brown -RAL7035/8003	 CBS185-2P-BR	1SNF536041R0000			3472598016607
	Grey/Black -RAL7035/9005	 CBS185-2P-BK	1SNF536051R0000			3472598016614
	Grey/Red -RAL7035/3020	 CBS185-2P-RD	1SNF536061R0000			3472598016621
CBS185 IP20 Cover	Grey -RAL7035	 CB185- Cover	1SNF936710R0000	12/216	8	3472599057982
Self-adhesive Rigid white label 17x9 mm 60 per card	White	TAA0917	1SNA235776R0000	18 cards/pack	16,7 (per card)	3472599021105

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

07/24

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