

# ENTRELEC TERMINAL BLOCKS

## COMPACT POWER BLOCKS - CBS95-2P

### Screw Clamp Technology

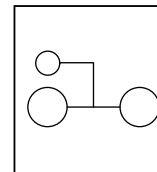
95 mm<sup>2</sup> (3/0 AWG) , Single pole 1000 VAC/DC (IEC/UL), 232 A

#### 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 mm<sup>2</sup> to 300 mm<sup>2</sup> and TS35 rail or panel mount.

#### FEATURES

- Screw-clamp technology
- 95 mm<sup>2</sup> ( 3/0 AWG)
- 1000V AC/DC - IEC/UL rated
- Current rating 232 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 mm<sup>2</sup> ( 8 AWG)



#### Approvals

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


























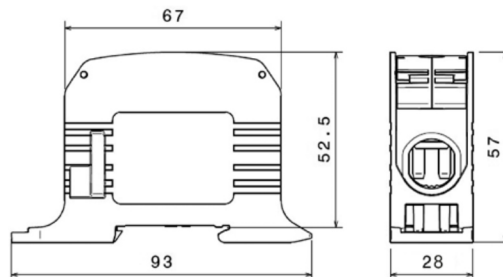
#### Conformity



# COMPACT POWER BLOCKS - CBS95-2P








## 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 232 A, Al 200 A			Cu 200 A, Al 155 A																																																																												
Rated cross-section:	95 mm²			AWG 3/0																																																																												
Impulse withstand voltage:	8 kV																																																																															
Pollution degree:	3																																																																															
Surge voltage category:	III																																																																															
CTI value:	550			550																																																																												
Terminal cross section:	<table><tr><td rowspan="4"></td><td colspan="3">no. of connections: 2 x 95 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></tr><tr><td>95 mm²</td><td rowspan="3">19 Nm</td><td>-</td><td rowspan="3">22,6 Nm</td></tr><tr><td>70 mm²</td></tr><tr><td>50 mm²</td></tr><tr><td>35 mm²</td><td rowspan="3">14 Nm</td><td rowspan="3">14 Nm</td><td rowspan="3">22,6 Nm</td></tr><tr><td>25 mm²</td></tr><tr><td>16 mm²</td></tr><tr><td>10 mm²</td><td>-</td><td>-</td><td>-</td></tr><tr><td>stripping length</td><td colspan="3">26 mm</td></tr><tr><td>allen screw</td><td colspan="3">M14 (SW 6 mm)</td></tr></table>				no. of connections: 2 x 95 mm² (all conductor types)			IEC 60947-7-1		IEC 61238-1	Cu		Al				95 mm²	19 Nm	-	22,6 Nm	70 mm²	50 mm²	35 mm²	14 Nm	14 Nm	22,6 Nm	25 mm²	16 mm²	10 mm²	-	-	-	stripping length	26 mm			allen screw	M14 (SW 6 mm)			<table><tr><td rowspan="4"></td><td colspan="3">no. of connections: 2 x AWG 3/0 (all conductor types)</td></tr><tr><td colspan="2">UL 1059, CSA-C22.2 No. 158</td><td></td></tr><tr><td colspan="2">Cu</td><td>Al</td></tr><tr><td></td><td></td><td></td></tr><tr><td>AWG 3/0</td><td rowspan="3">22.6 Nm</td><td>-</td><td rowspan="3">22.6 Nm</td></tr><tr><td>AWG 2/0</td></tr><tr><td>AWG 1/0</td></tr><tr><td>AWG 2</td><td rowspan="3">22.6 Nm</td><td rowspan="3">22.6 Nm</td><td rowspan="3">22.6 Nm</td></tr><tr><td>AWG 4</td></tr><tr><td>AWG 6</td></tr><tr><td>AWG 8</td><td>-</td><td>-</td><td>-</td></tr><tr><td>stripping length</td><td colspan="3">26 mm</td></tr><tr><td>allen screw</td><td colspan="3">M14 (SW 6 mm)</td></tr></table>				no. of connections: 2 x AWG 3/0 (all conductor types)			UL 1059, CSA-C22.2 No. 158			Cu		Al				AWG 3/0	22.6 Nm	-	22.6 Nm	AWG 2/0	AWG 1/0	AWG 2	22.6 Nm	22.6 Nm	22.6 Nm	AWG 4	AWG 6	AWG 8	-	-	-	stripping length	26 mm			allen screw	M14 (SW 6 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): 28 x 57 x 93																																																																															
Protection degree:	IP20																																																																															



Dimensions ( mm )

## ORDERING DETAILS

Description	Color	Type	Part Number	Pkg qty Std/box	Weight 1 Piece (g)	EAN/UPC codes
95 mm <sup>2</sup> Single pole	Grey -RAL7035	 CBS95-2P	<a href="#">1SNF526011R0000</a>	2/36	112	3472599057746
	Grey/Blue -RAL7035/5012	 CBS95-2P-BL	<a href="#">1SNF526021R0000</a>			3472599057753
	Grey/Green -RAL7035/6018	 CBS95-2P-GR	<a href="#">1SNF526031R0000</a>			3472599057821
	Grey/Brown -RAL7035/8003	 CBS95-2P-BR	<a href="#">1SNF526041R0000</a>			3472598016539
	Grey/Black -RAL7035/9005	 CBS95-2P-BK	<a href="#">1SNF526051R0000</a>			3472598016546
	Grey/Red -RAL7035/3020	 CBS95-2P-RD	<a href="#">1SNF526061R0000</a>			3472598016553
CBS95-IP20 Cover	Grey -RAL7035	 CBS95- Cover	<a href="#">1SNF926710R0000</a>	20/360	5	3472599057975
Self-adhesive Rigid white label 17x9 mm 60 per card	White	TAA0917	<a href="#">1SNA235776R0000</a>	18 cards/pack	16,7 ( per card )	3472599021105

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

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