



COMPACT POWER BLOCKS

The compact secured and cost-effective solution for power connection

From 50 to 300 mm², TS35 and panel mount

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 optimized aluminum body and compact design.



HIGHLY VERSATILE

Large scope of conductors accepted

The aluminum body combined with specific coating allow the use of aluminum & copper conductors whether round or sector-shaped, solid, stranded or flexible with ferrule.

Modularity

Available in 2 connection for power connection as well as 4 connections for power distribution purposes.

Easy monitoring or supply

Blocks from 95 to 300 mm² have an extra built-in measurement tapping connection to provide main supply monitoring or to provide supply to a control equipment.



SECURED AND COMPACT CONNECTION

Protection of connection process, conductor and the operator

- Hexagon drive with hex-wrenge for transmission of high torque moments.
- The fine pitch thread allows transmission of high torque moments.
- The turned screw ends prevent damage to the relatively soft aluminium conductor material on installation.
- Reinforced Finger safe and dust protection by side cover when block is not wired.

Reduced oxidation risks

- Specific coating reduces oxidation risks with aluminum or copper conductors.
- Push-through plastic protection keep conductors from touching in the middle.



EASY TO INSTALL AND USE

Compact and firm grip

The compact body combines easy snap-on the rail with high and firm grip after being installed.

Low drift firm body & cover keeps good alignment even under high torque and cable weight.

Light weight body

The aluminum body offers a lightweight product easier to stock & install.

Two Mounting option

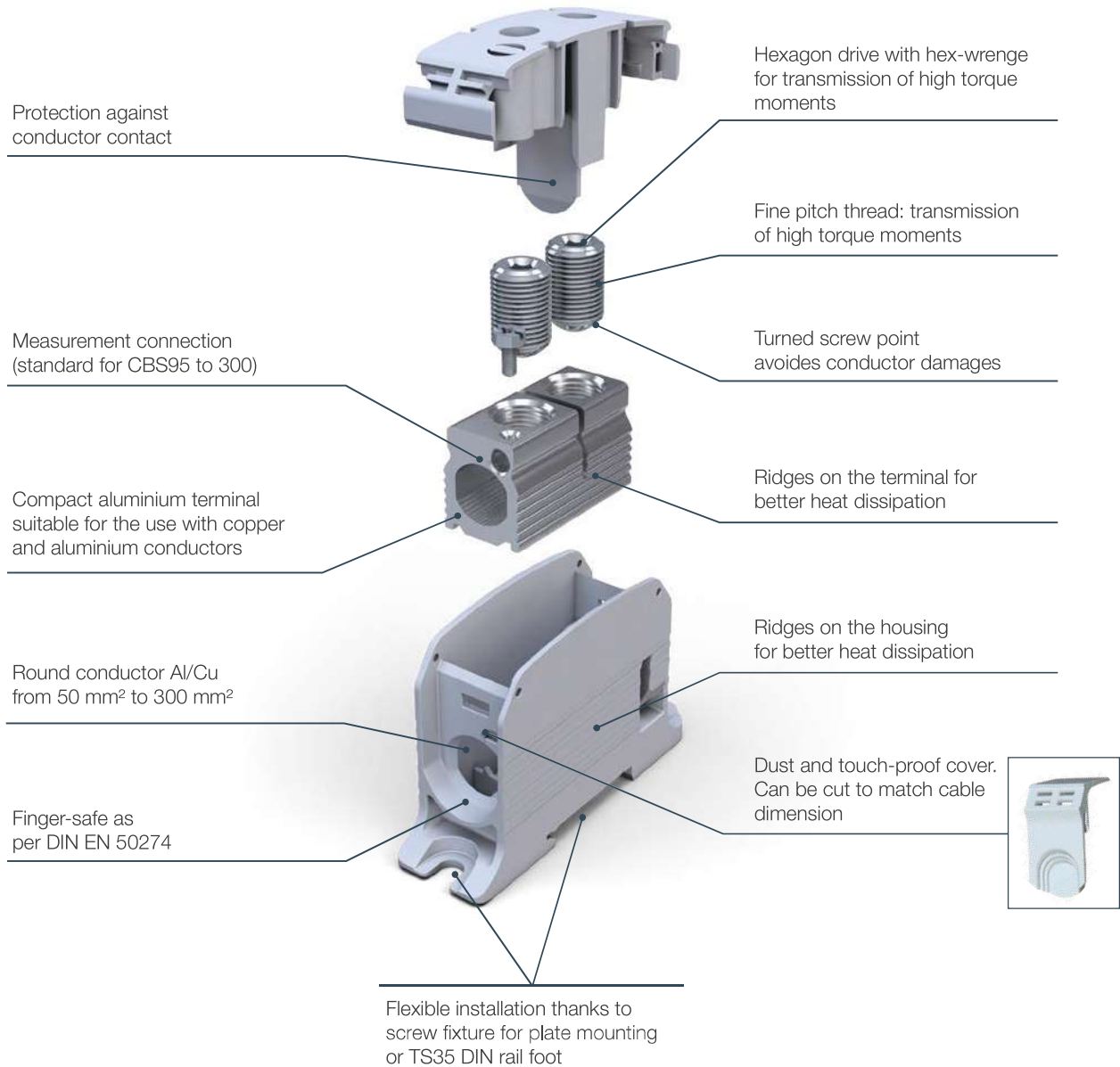
All blocks can be mounted on mounting plates or TS 35 rails according to IEC 60715 / DIN EN 50022.

Easy identification

The large area on top cover of the block allow easy identification with standard or custom labels.



PRODUCT FEATURES



Approvals

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



Conformity





PRODUCT ORDERING INFORMATION

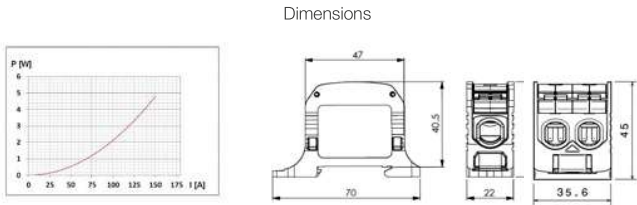
	Main	Tapping	Spacing	Current	Voltage	Function	Color	Type	Part Number	Accessories	Packing
	Cross section mm²/AWG	mm²/AWG	mm / in	IEC Cu/AL UL Cu/AL	IEC/UL V					Cover/Markers	
50 mm², Single pole 	4-35 / 12-2		22 / 0.87	150 / 150 A / 150 A	1000 / 1000		Grey	CBS50-2P	1SNF516011R0000		9
							Grey/Blue	CBS50-2P-BL	1SNF516021R0000	CBS50-Cover (54 Pcs/Pkg)	9
							Grey/Green	CBS50-2P-GR	1SNF516031R0000	1SNF916710R0000	9
50 mm², Double pole 	6-50 / 10-0		35.6 / 1.4				Grey	CBS50-4P	1SNF516111R0000	VYT0512: 12x5 mm	5
							Grey/Blue	CBS50-4P-BL	1SNF516121R0000	Self-adhesive white label	5
							Grey/Green	CBS50-4P-GR	1SNF516131R0000	1SNA235837R0000	5
95 mm², Single pole 	10-70 / 8-00	1.5-6 / 10-16	25.5 / 1	232 / 200 A / 200 A	1000 / 1000		Grey	CBS95-2P	1SNF526011R0000	CBS95-Cover (20 Pcs/Pkg)	2
							Grey/Blue	CBS95-2P-BL	1SNF526021R0000	1SNF926710R0000	2
							Grey/Green	CBS95-2P-GR	1SNF526031R0000	TAA0917: 17x9 mm	2
95 mm², Double pole 	16-95 / 6-000	1.5-10 / 8-16	47 / 1.85				Grey	CBS95-4P	1SNF526111R0000	Self-adhesive rigid white label	1
							Grey/Blue	CBS95-4P-BL	1SNF526121R0000	1SNA235776R0000	1
							Grey/Green	CBS95-4P-GR	1SNF526131R0000	VYT0817: 17x8 mm	1
185 mm², Single pole 	35-150 / 00-300 Kcmil	1.5-6 / 8-16	37.5 / 1.47	353 A / 310 / 250 A	1000 / 1000		Grey	CBS185-2P	1SNF536011R0000	CBS185-Cover (12 Pcs/Pkg)	1
										1SNF936710R0000	
							Grey/Blue	CBS185-2P-BL	1SNF536021R0000	TAA0917: 17x9 mm	1
300 mm², Single pole 	50-240 / 250-500 Kcmil	1.5-6 / 8-16	45 / 1.77	520 A / 420 / 340 A	1000 / 1000		Grey	CBS300-2P	1SNF546011R0000	CBS300-Cover (8 Pcs/Pkg)	1
										1SNF946710R0000	
							Grey/Blue	CBS300-2P-BL	1SNF546021R0000	TAA0917: 17x9 mm	1

Not allowed Flexible without ferrule (IEC V-K & UL: class 5/6)	Flexible with insulated ferrule (IEC V-K & UL: class 5/6)	Rigid Solid (IEC V-U class 1, UL solid)	Rigid Stranded (IEC V-R class 2, UL class B/C)
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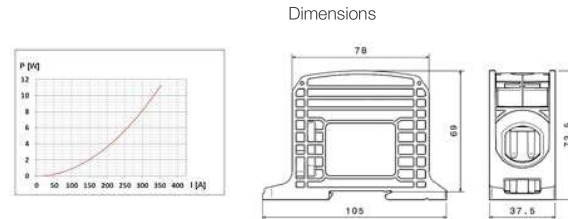
DIMENSIONS & ELECTRICAL CHARACTERISTICS

Power loss for single pole & double pole

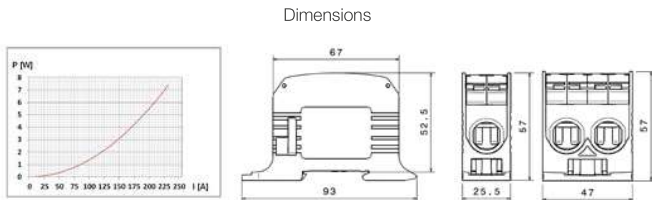
50 mm²



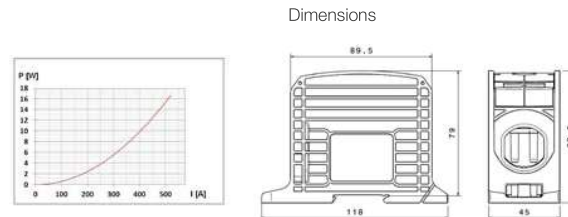
185 mm²



95 mm²



300 mm²



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INDUSTRIAL / ENTRELEC COMPACT POWER BLOCKS / BROCHURE / EN

03/22

BROCHURE

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