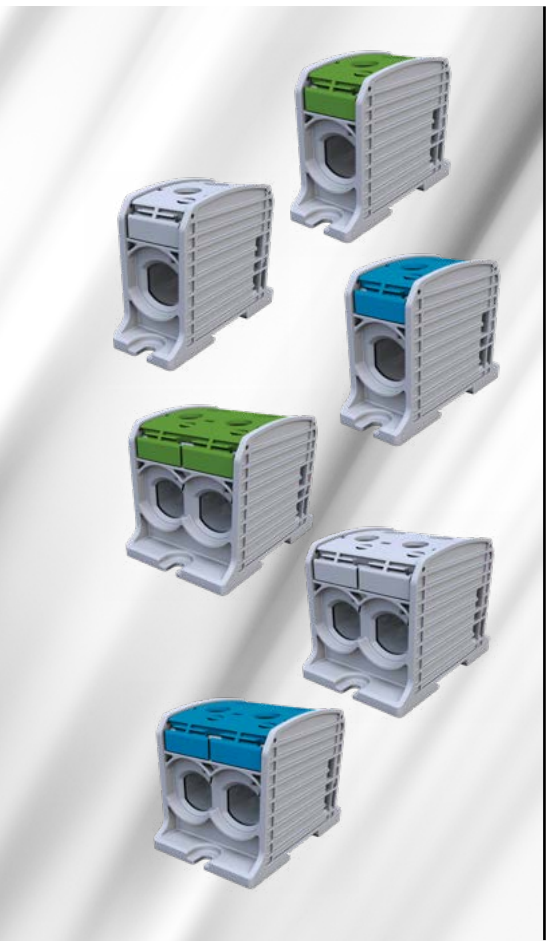


ENTRELEC
Electrical Solutions
By TE Connectivity

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 alignement even under high torque and cable weight.

Light weight body

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

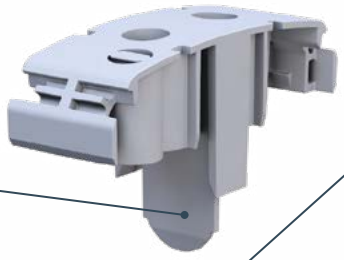
Two Mounting option

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



Protection against conductor contact

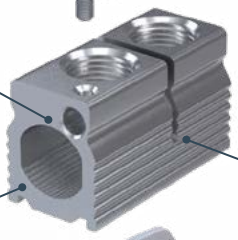
Hexagon drive with hex-wrenge for transmission of high torque moments

Fine pitch thread: transmission of high torque moments



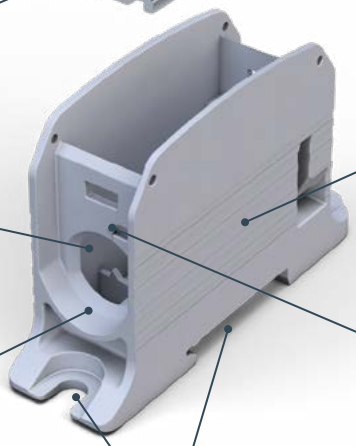
Turned screw point avoides conductor damages

Measurement connection (standard for CBS95 to 300)



Ridges on the terminal for better heat dissipation

Compact aluminium terminal suitable for the use with copper and aluminium conductors



Ridges on the housing for better heat dissipation

Round conductor Al/Cu from 50 mm² to 300 mm²

Dust and touch-proof cover. Can be cut to match cable dimension



Finger-safe as per DIN EN 50274

Flexible installation thanks to screw fixture for plate mounting or TS35 DIN rail foot

Approvals

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

Conformity

CE

RoHS 2011/65/EU

REACH

PRODUCT ORDERING INFORMATION

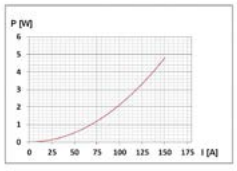
	Main Cross section	Tapping	Spacing		Current IEC	Current UL	Voltage IEC/UL	Function	Color	Type	Part Number		Accessories Cover/Markers	Packing
	mm²/AWG	mm²/AWG	mm	in	Cu/AL	Cu/AL	V							
50 mm², Single pole	4-35 / 12-2	-	22	0.87	150 / 150 A	150 / 120 A	1000 / 1000		Grey	CBS50-2P	1SNF516011R0000			9
									Grey/Blue	CBS50-2P-BL	1SNF516021R0000		CBS50-Cover (54 Pcs/Pkg) 1SNF916710R0000	9
									Grey/Green	CBS50-2P-GR	1SNF516031R0000		VYT0512: 12x5 mm Self-adhesive white label 1SNA235837R0000	9
50 mm², Double pole	6-50 / 10-0		35.6	1.4					Grey	CBS50-4P	1SNF516111R0000			5
									Grey/Blue	CBS50-4P-BL	1SNF516121R0000			5
									Grey/Green	CBS50-4P-GR	1SNF516131R0000			5
95 mm², Single pole	10-70 / 8-00	1.5-6 / 10-16	25.5	1	232 / 200 A	200 / 155 A	1000 / 1000		Grey	CBS95-2P	1SNF526011R0000		CBS95-Cover (20 Pcs/Pkg) 1SNF926710R0000	2
									Grey/Blue	CBS95-2P-BL	1SNF526021R0000			2
									Grey/Green	CBS95-2P-GR	1SNF526031R0000		TAA0917: 17x9 mm Self-adhesive rigid white label 1SNA235776R0000	2
95 mm², Double pole	16-95 / 6-000	1.5-10 / 8-16	47	1.85					Grey	CBS95-4P	1SNF526111R0000			1
									Grey/Blue	CBS95-4P-BL	1SNF526121R0000		VYT0817: 17x8 mm Self-adhesive white label 1SNA235844R0000	1
									Grey/Green	CBS95-4P-GR	1SNF526131R0000			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) 1SNF936710R0000	1
													TAA0917: 17x9 mm Self-adhesive rigid white label 1SNA235776R0000	
	95-185 / 000-350 Kcmil	1.5-10 / 10-16							Grey/Blue	CBS185-2P-BL	1SNF536021R0000		VYT0817: 17x8 mm Self-adhesive white label 1SNA235844R0000	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) 1SNF946710R0000	1
													TAA0917: 17x9 mm Self-adhesive white label 1SNA235776R0000	
	150-300 / 300-600 Kcmil	1.5-10 / 10-16							Grey/Blue	CBS300-2P-BL	1SNF546021R0000		VYT0817: 17x8 mm Self-adhesive white label 1SNA235844R0000	1

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

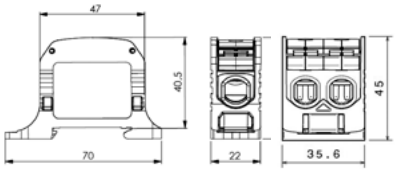
DIMENSIONS & ELECTRICAL CHARACTERISTICS

Power loss for single pole & double pole

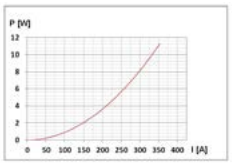
50 mm²



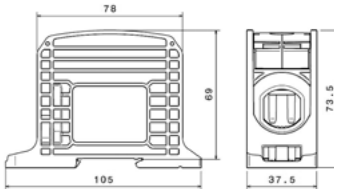
Dimensions



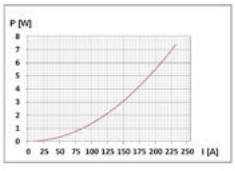
185 mm²



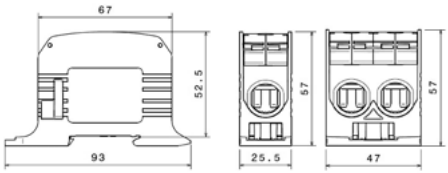
Dimensions



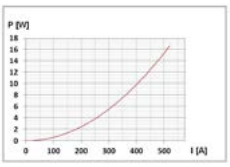
95 mm²



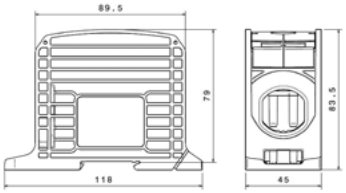
Dimensions



300 mm²



Dimensions



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