

# Line-up terminals

## Screw type terminal blocks

Protection against accidental contact: U shaped covers for cross connection ESC-PRP/7 and ESC-PRP/8

High current terminal blocks ESC-GPA, ESC-GPA / FIX and ESC-GPM / FIX are available in gray (RAL 7042) color. The FIX series is Panel-mount version

Support for markings  
ES-PTM (40 x 16,5) mm  
ES-PTMS (40 x 7) mm

The same marking tags for all types of terminals with rated cross section 2,5mm<sup>2</sup>...240mm<sup>2</sup>: Possibility to print labels - marking tags using SmartPrint Printer

ESC-DFU partitions are used to easy locate or to increase the insulation distances between terminal blocks and parallel multiple commoning bars.

End brackets ES-BTO (spring type), ES-BT/3 (screw type) are used to lock terminals on TH35 rails.

“Easy bridge” system: double possibility to insert PTC, PTP multi-pole cross-connections, without the need of insulating protection. Cross connections - bridges 2, 3 and 10 pole versions with insulation red or blue, or without isolation.

ESC-POF permanent cross connections 2 pole and Commoning bar (16 holes) for 16 mm<sup>2</sup> and 35 mm<sup>2</sup>

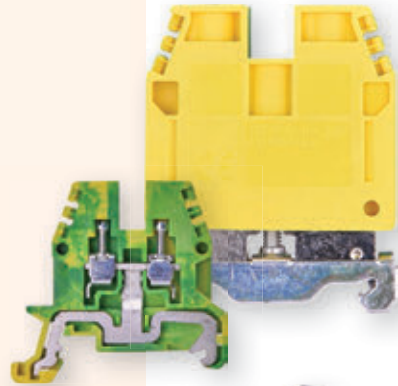
Screw type terminal blocks ESC-CBC series for conductors with cross sections from 0,2 to 50 mm<sup>2</sup> in gray and blue color.

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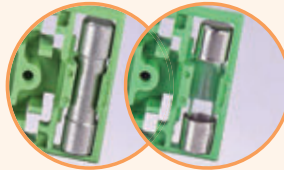
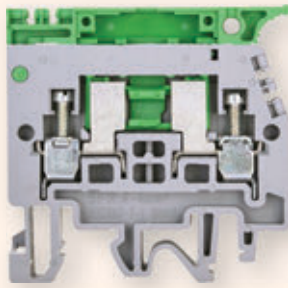
Earth terminal blocks series ESC-TEO and ESC-TEC for conductors with cross sections from 0,2 to 95 mm<sup>2</sup>



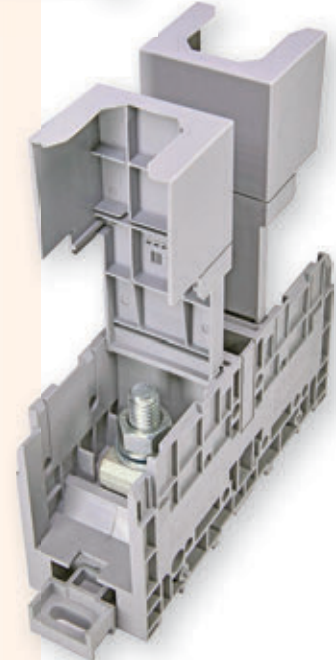
For more reliable fastening and simplified installation of several terminal blocks of the GPA series between them are provided side locks



ESC-GPA series screw terminals for connecting conductors with a cross section of 10 to 300 mm<sup>2</sup> are closed on both sides to prevent accidental touch to current parts. The ESC-GPA / FIX terminals are provided with installation on the mounting panel.

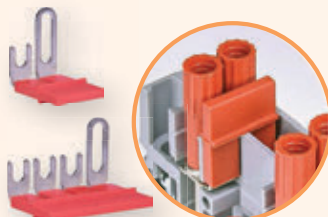
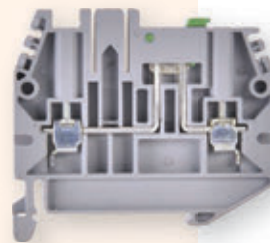


ESC-SFR series terminals for connection conductors with a cross section of 0.2 to 10 mm<sup>2</sup> are used for protection of circuits control using the installed in holder of a fusible insert. ESC-SFR.4 - for protection 5x20, commuting brass cylinder 5x20 or diode 5x20. ESC-SFR.6 - for 6x32 fuses

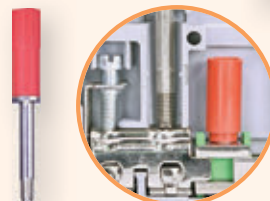


Screw terminals series ESC-GPM / FIX mounted on the mounting panel, have protective covers for prevention accidental touch to High current terminal blocks series ESC-GPM / FIX are mounted on the mounting panels. Protective covers prevent accidental touch of the conductor.

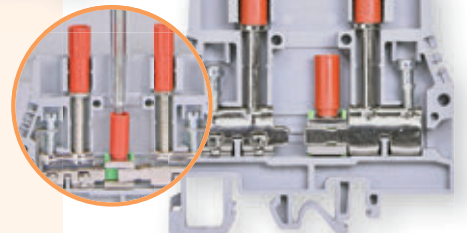
Disconnect terminal block (1-0) - Screw type is designed to disconnect the electric circuit.



Short circuit plates ESC-SCB.6/PO are used to form special cross-connections with ESC-SCB.6 Disconnect terminal blocks used for test and measurement circuits.



For measurements and checks on circuits which are related to the terminal boards, insulated sockets ESC-PSD screwable onto the conductor body of the terminal blocks can be used.



Disconnect terminals blocks for test and measurement circuits ESC-SCB series for connection conductors with a cross section of 0.2 to 10 mm<sup>2</sup>. It allows you to connect or replace measuring transformers, instruments, counters... without disconnecting the supply voltage.

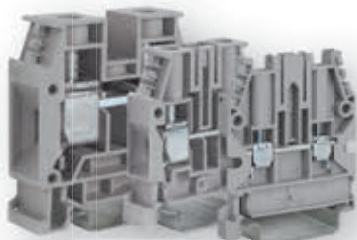
Features

ESC - CBC Series

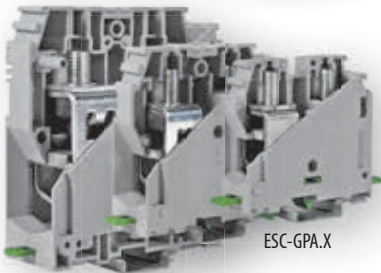
- with UL94V-0 polyamide insulating body
- reduced overall dimension
- patented "Easy bridge" system: double possibility to insert PTC multi-pole cross-connections, without the need of insulating protection
- available in grey RAL 7042
- operating temperature range:  $-40 \div +80 \text{ }^\circ\text{C}$
- Rated voltage: 1000V

ESC-GPA and ESC-GPA / FIX Series power terminal blocks

- with UL94V-0 polyamide insulating body
- standard version available in grey RAL 7042
- interlockable with standard M3-type threaded stay bolts
- rated voltage 1000 V
- maximum continual operating temperature  $100 \text{ }^\circ\text{C}$
- mounting onto rails - according to IEC 60715 Std., "G32" and "TH/35" types (only ESC-GPA)
- panel mount version - M6 screws; recommended with screwdriver and washer slot (only for ESC-GPA / FIX)



ESC-CBC.X



ESC-GPA.X



ESC-GPA.70/FIX



ESC-GPM.240/FIX



ESC-GPM.150/FIX

ESC-GPM.95/FIX



Feed through terminal blocks, grey color

Type	Code No.	Ferrule type max. [mm <sup>2</sup> ] / rated cross section	Weight [g]	Packaging [pcs]
ESC-CBC.2	003903000	2,5	9	120
ESC-CBC.4	003903001	4	11,2	100
ESC-CBC.6	003903002	6	15,8	100
ESC-CBC.10	003903003	10	20,5	100
ESC-CBC.16	003903004	16	30,4	50
ESC-CBC.35	003903005	35	60	50
ESC-CBD.50	003903241	50	69	40
ESC-GPA.70	003903006	70	120,7	25
ESC-GPA.95	003903007	95	220,4	10
ESC-GPA.150	003903008	150	356,5	8
ESC-GPA.240	003903009	240	565,8	4

\*Other cable type max. cross sections in technical data

\*\* Conductor with cable ferrule.

Feed through terminal blocks, grey color - Panel-mount version

Type	Code No.	Ferrule type max. [mm <sup>2</sup> ] / rated cross section	Weight [g]	Packaging [pcs]
ESC-GPA.70/FIX	003903211	70	114	25
ESC-GPA.95/FIX	003903212	95	205	10
ESC-GPA.150/FIX	003903213	150	339	8
ESC-GPA.240/FIX	003903214	240	555	4

\*Other cable type max. cross sections in technical data

\*\* Conductor with cable ferrule.

Feed through terminal blocks, grey color - Panel-mount version

Type	Code No.	Ferrule type max. [mm <sup>2</sup> ] / rated cross section	Connection bolt	Weight [g]	Packaging [pcs]
ESC-GPM.95/FIX	003903215	95/150	M8	225,4	10
ESC-GPM.150/FIX	003903216	150/240	M10	348	6
ESC-GPM.240/FIX	003903217	240/300	M12	552	4

\* Conductor with compression cable lug.

End sections, grey color

Type	Code No.	For use with	Weight [g]	Packaging [pcs]
ESC-CBC.2-10/PT	003903010	ESC-CBC.2...ESC-CBC.10	3	50
ESC-CBC.16/PT	003903011	ESC-CBC.16	3,8	25
ESC-CBC.35/PT	003903012	ESC-CBC.35	5,5	25
ESC-CBD.50/PT	003903242	ESC-CBD.50	6,23	10

Bigger cross sections (ESC-GPA.70 . . . 240mm<sup>2</sup>) are compact, end sections not needed