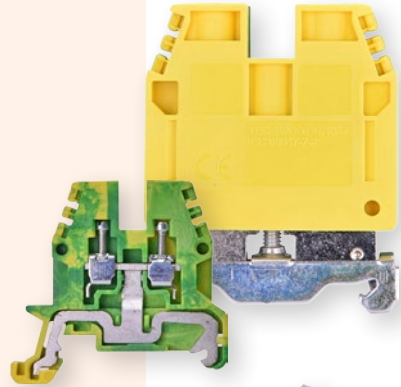


## Line-up terminals

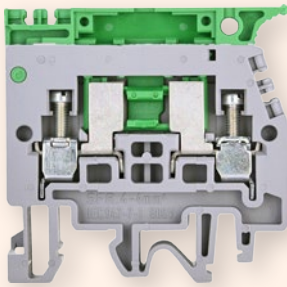
Earth terminal blocks series ESC-TEO and ESC-TEC for conductors with cross sections from 0,2 to 95 mm<sup>2</sup>



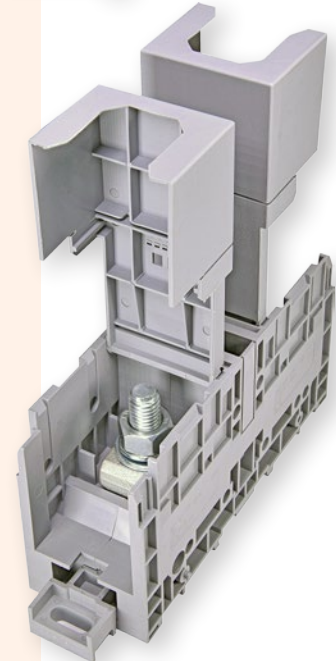
For more reliable fastening and simplified installation of several terminal blocks of the GPA series between them are provided side locks



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.

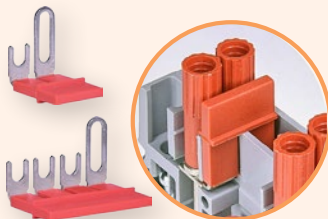
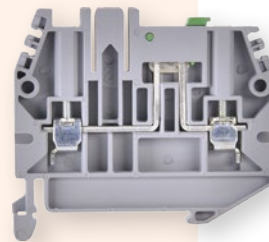


ESC-SFR series terminals for connection conductors with a cross section of 0.2 to 10 mm<sup>2</sup> are used for protection of circuits control using the installed in holder of a fusible insert. ESC-SFR.4 - for protection 5x20, commuting brass cylinder 5x20 or diode 5x20. ESC-SFR.6 - for 6x32 fuses

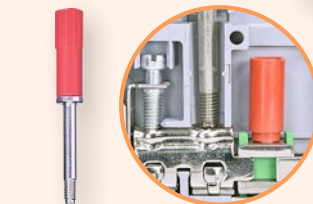


Screw terminals series ESC-GPM / FIX mounted on the mounting panel, have protective covers for prevention accidental touch to High current terminal blocks series ESC-GPM / FIX are mounted on the mounting panels. Protective covers prevent accidental touch of the conductor.

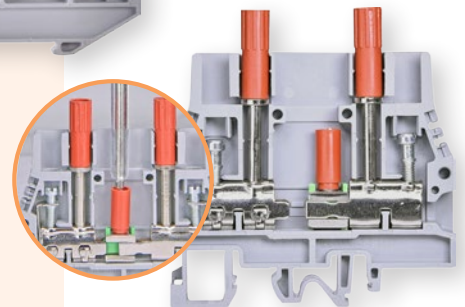
Disconnect terminal block (1-0) - Screw type is designed to disconnect the electric circuit.



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.

## ESC-PT end sections

For each type and cross section of terminal block, there is a specific insulating and closing end section to be placed on the open element of each terminal board. This end section may also be used to separate different phases of adjoining terminal blocks linked by cross connections or to increase insulation distances where specific circumstances may require it. The end sections have the same overall dimension as the related terminal block, thicknesses are given in the table below.

Terminal block	End section	
	Type	Thickness [mm]
ESC-CBC.2	ESC-CBC.2-10/PT	1,5
ESC-CBC.4	ESC-CBC.2-10/PT	1,5
ESC-CBC.6	ESC-CBC.2-10/PT	1,5
ESC-CBC.10	ESC-CBC.2-10/PT	1,5
ESC-CBC.16	ESC-CBC.16/PT	1,5
ESC-CBC.35	ESC-CBC.35/PT	1,5
ESC-CBD.50	ESC-CBD.50/PT	1
ESC-CBC.2B	ESC-CBC.2-10/PTB	1,5
ESC-CBC.4B	ESC-CBC.2-10/PTB	1,5
ESC-CBC.6B	ESC-CBC.2-10/PTB	1,5
ESC-CBC.10B	ESC-CBC.2-10/PTB	1,5
ESC-CBC.16B	ESC-CBC.16/PTB	1,5
ESC-CBC.35B	ESC-CBC.35/PTB	1,5
ESC-CBD.50B	ESC-CBD.50/PTB	1
ESC-CBD.70B	ESC-CBD.70/PTB	1
ESC2-DBC.2	ESC2-DBC.2/PT	1,5
ESC2-DBC.4	ESC2-DBC.4/PT	1,5
ESC-TLD, ESC-TDE	ESC-TLD/PT	1
ESC-TE0.2	ESC-TE0.2/PT	1,5
ESC-TE0.4	ESC-TE0.4/PT	1,5
ESC-SFR.4	ESC-SFR.4/PT	1,5
ESC-SFR.6	ESC-SFR.6/PT	1,5
ESC-CBS.2	ESC-MPS.4/PT	1,5

## ESC-PRP protections

The cross connection, consisting of a multiple commoning bar and screws and sleeves, already placed in a recessed position with respect to the terminal board, can be further protected from accidental contact using a nylon U-shaped cover having a standard length of 10 cm. This white-coloured cover, can also be written upon, to serve as a label or reference point on the terminal board.

On the cover suitable slits are arranged to facilitate its removal by using a screwdriver.

for terminal blocks with a cross section of 4-16 mm <sup>2</sup>	ESC-PRP/7
for terminal blocks with a cross section of 25-70 mm <sup>2</sup>	ESC-PRP/8




Features

ESC-SFR Series - Fuse-holders

- with UL94V-0 polyamide insulating body
- available in grey RAL 7042 colour
- universal mounting onto rails - according to IEC 60715 Std., "G32" and "TH/35" types
- ESC-SFR.4: for  $\varnothing 5 \times 20$  mm fuses, with possibility to detect the fuse blow-out status, by means of a LED micro-circuit (CIL...)
- ESC-SFR.6: for  $\varnothing 6.3 \times 32$  mm fuses, with solder lug

Max. dissipated power – In conf. with IEC 60947-7-3				
Terminal block	Voltage [V] (*)	Current [A]	Protection against overload and short circuit	Only protection against short circuit
			(PV) - [W]	(PV) - [W]
ESC-SFR.4	250	6,3	2,5	2,5
ESC-SFR.6	250	10	2,5	4

Technical data for ESC-SFR Series

	ESC-SFR.4	ESC-SFR.6
<b>TECHNICAL CHARACTERISTICS</b>		
function / type	for $\varnothing 5 \times 20$ mm fuses	for $\varnothing 6,3 \times 32$ mm fuses
rated cross-section (mm <sup>2</sup> )	4	6
connecting capacity:		
flexible(mm <sup>2</sup> )	0,2 ÷ 6	0,2 ÷ 10
rigid(mm <sup>2</sup> )	0,2 ÷ 6	0,2 ÷ 10
max. flexible with ferrule (mm <sup>2</sup> )-ferrule type	4 - WP40/16	6 - WP60/20
rated voltage / rated current / gauge conf. to IEC 60947-7-1	800 V (*) / 6,3 A max (20 A with CO/5) / A4	630 V (*) / 10 A / A5
rated voltage / rated current / AWG / tightening torque value UL	600 V / 6,3 A / 20-12 AWG / 4,4 lb.in.	600 V / 10 A / 20-8 AWG / 13 lb.in
rated impulse withstand voltage / pollution degree	6 KV / 3	6 KV (*) / 3
insulation stripping length (mm)	11	11
tightening torque value (test / max) (Nm)	0,5 / 1,2	0,8 / 1,4
height / width / thickness	 TH/35 7,5 mm	59 / 79 / 10
height / width / thickness	 TH/35 15 mm	67 / 79 / 10
height / width / thickness	 G32	63 / 79 / 10
Marking tag printed or blank	ES-NU0851	ES-NU0851

(\*) value referred to the insulation characteristics of the terminal block

Conducting elements

ESC-CO/5

$\varnothing 5 \times 20$  mm

