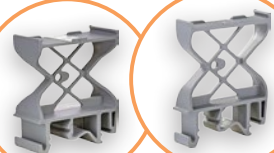


Line-up terminals

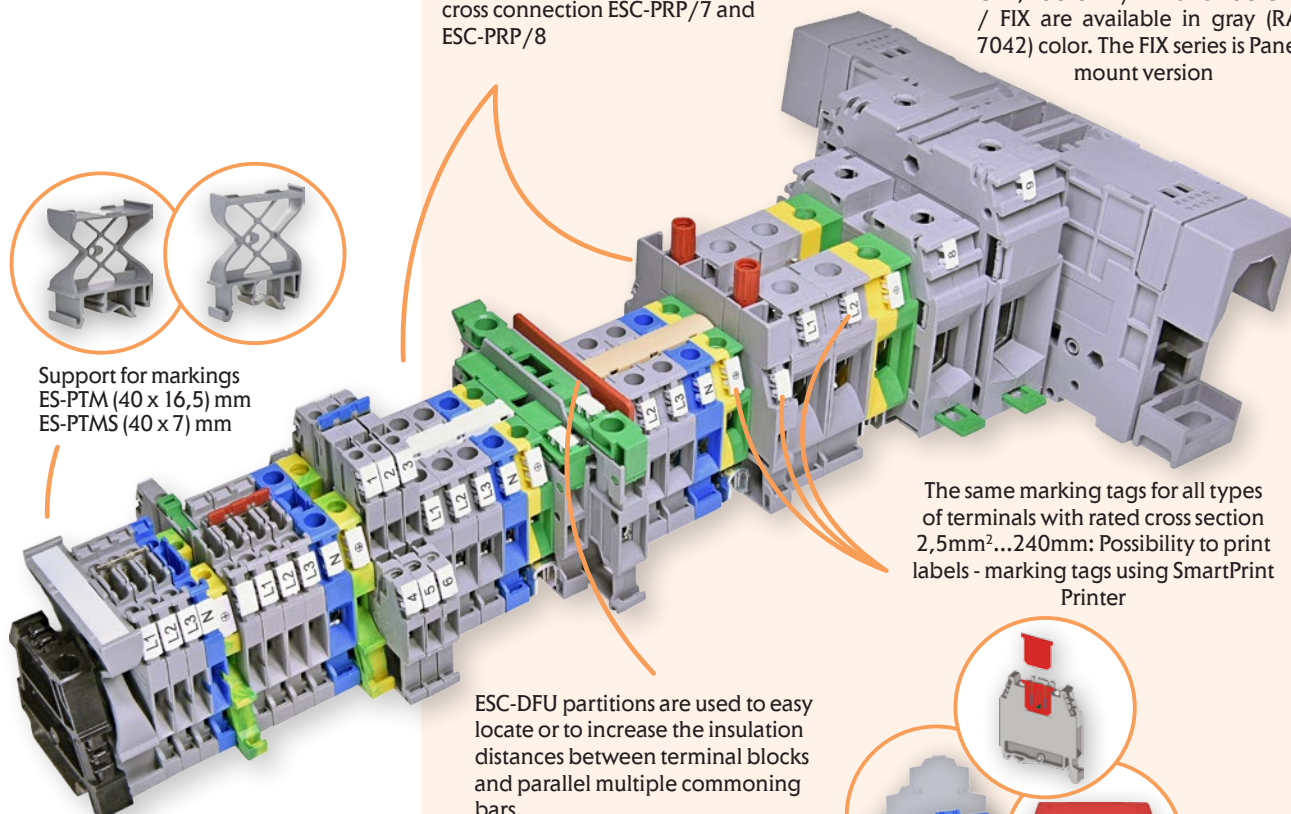
Screw type terminal blocks

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

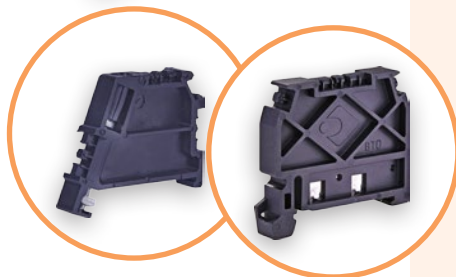
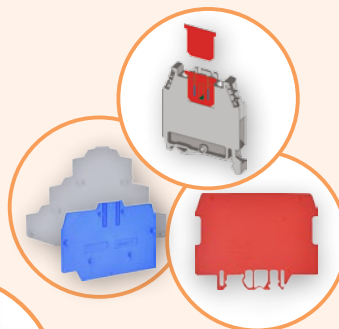


Support for markings
ES-PTM (40 x 16,5) mm
ES-PTMS (40 x 7) mm

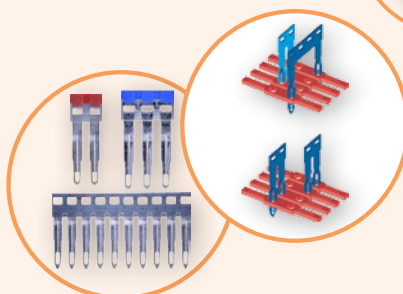


The same marking tags for all types of terminals with rated cross section 2,5mm²...240mm²: Possibility to print labels - marking tags using SmartPrint Printer

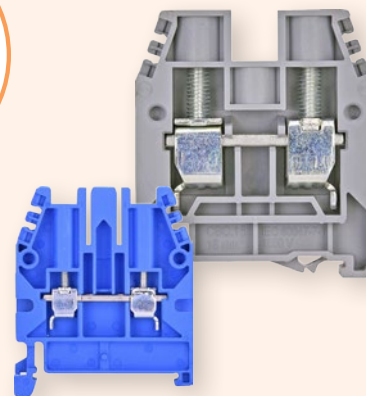
ESC-DFU partitions are used to easy locate or to increase the insulation distances between terminal blocks and parallel multiple commoning bars.



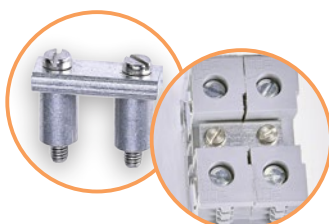
End brackets ES-BTO (spring type), ES-BT/3 (screw type) are used to lock terminals on TH35 rails.



"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.



Screw type terminal blocks ESC-CBC series for conductors with cross sections from 0,2 to 50 mm² in gray and blue color.



ESC-POF permanent cross connections 2 pole and Commoning bar (16 holes) for 16 mm² and 35 mm²

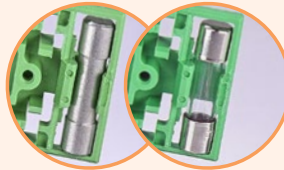
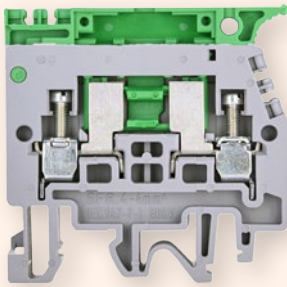
Line-up terminals

Earth terminal blocks series ESC-TEO and ESC-TEC for conductors with cross sections from 0,2 to 95 mm²



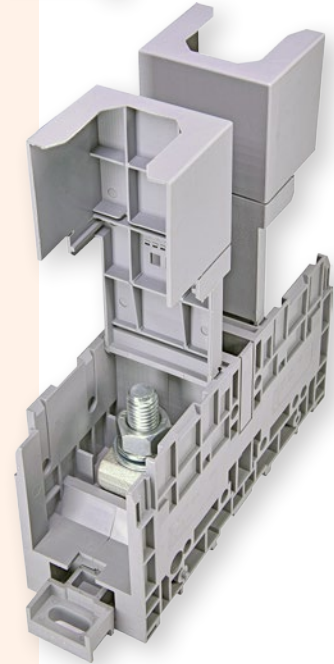
For more reliable fastening and simplified installation of several terminal blocks of the GPA series between them are provided side locks

ESC-GPA series screw terminals for connecting conductors with a cross section of 10 to 300 mm² 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.

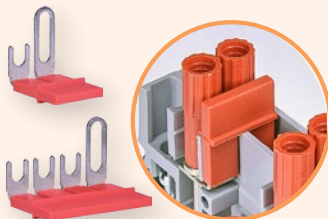
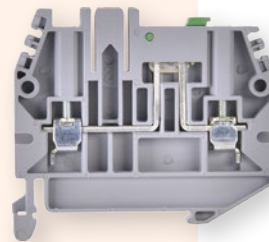


ESC-SFR series terminals for connection conductors with a cross section of 0.2 to 10 mm² are used for protection of circuits control using the installed in holder of a fusible insert. ESC-SFR.4 - for protection 5x20, commuting brass cylinder 5x20 or diode 5x20. ESC-SFR.6 - for 6x32 fuses

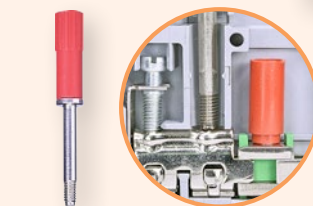
Screw terminals series ESC-GPM / FIX mounted on the mounting panel, have protective covers for prevention accidental touch to High current terminal blocks series ESC-GPM / FIX are mounted on the mounting panels. Protective covers prevent accidental touch of the conductor.



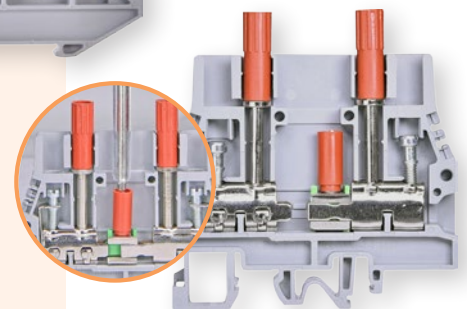
Disconnect terminal block (1-0) - Screw type is designed to disconnect the electric circuit.



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 mm². It allows you to connect or replace measuring transformers, instruments, counters... without disconnecting the supply voltage.

Features

ESC - CBC Series

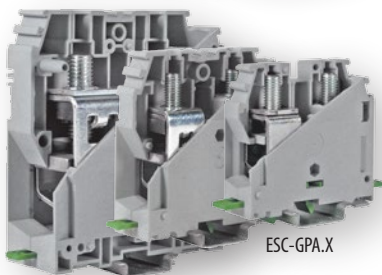
- with UL94V-0 polyamide insulating body
- reduced overall dimension
- patented "Easy bridge" system: double possibility to insert PTC multi-pole cross-connections, without the need of insulating protection
- available in grey RAL 7042
- operating temperature range: $-40 \div +80$ °C
- Rated voltage: 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 °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. [mm²] / 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. [mm²] / 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. [mm²] / 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 ferrule.

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...240mm²) are compact, end sections not needed

Line-up terminals

Feed through terminal blocks, blue color

Type	Code No.	Ferrule type max. [mm ²] / rated cross section	Weight [g]	Packaging [pcs]
ESC-CBC.2B	003903044	2,5	8,2	120
ESC-CBC.4B	003903045	4	10	100
ESC-CBC.6B	003903046	6	15	100
ESC-CBC.10B	003903047	10	18,8	100
ESC-CBC.16B	003903048	16	28,6	50
ESC-CBC.35B	003903049	35	58	50
ESC-CBD.50B	003903243	50	69	40
ESC-CBD.70B	003903245	70	99	40

*Other cable type max. cross sections in technical data

** Conductor with cable ferrule.

End sections, blue color

Type	Code No.	For use with	Weight [g]	Packaging [pcs]
ESC-CBC.2-10/PTB	003903050	ESC-CBC.2B...ESC-CBC.10B	3,1	50
ESC-CBC.16/PTB	003903051	ESC-CBC.16B	3,8	25
ESC-CBC.35/PTB	003903052	ESC-CBC.35B	5,2	25
ESC-CBD.50/PTB	003903244	ESC-CBD.50B	6,23	10
ESC-CBD.70/PTB	003903246	ESC-CBD.70B	6,8	10

Two level terminal blocks

Type	Code No.	Ferrule type max. [mm ²] / rated cross section	Weight [g]	Packaging [pcs]
ESC2-DBC.2	003903053	2,5	16,3	120
ESC2-DBC.4	003903054	4	20	100

*Other cable type max. cross sections in technical data

** Conductor with cable ferrule.

Three level terminal blocks

Type	Code No.	Ferrule type max. [mm ²] / rated cross section	Weight [g]	Packaging [pcs]
ESC-TLD.2	003903247	2,5	17,4	125
ESC-TLD.2B	003903249	2,5	17,4	125
ESC-TDE.2	003903250	2,5	6	25

*Other cable type max. cross sections in technical data

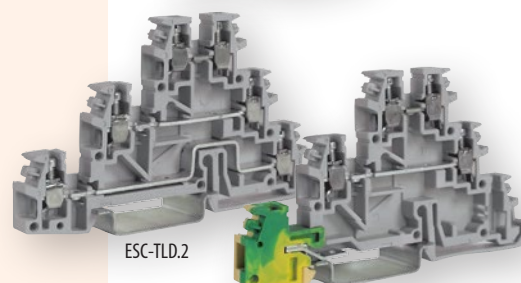
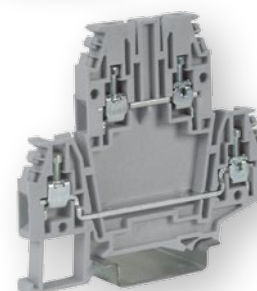
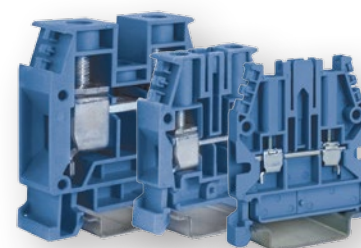
** Conductor with cable ferrule.

End section for two and three level terminal blocks

Type	Code No.	For use with	Weight [g]	Packaging [pcs]
ESC2-DBC.2/PT	003903055	ESC2-DBC.2	5,2	25
ESC2-DBC.4/PT	003903056	ESC2-DBC.4	5,2	25
ESC-TLD/PT	003903248	ESC-TLD, ESC-TDE	6	25

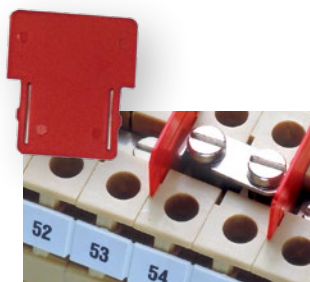
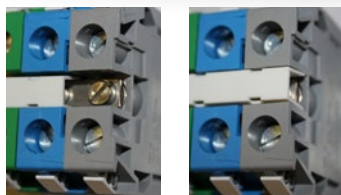
Red partitions

Type	Code No.	For use with	Weight [g]	Packaging [pcs]
ESC-DFU/4/R	003903013	ESC-CBC.2...ESC-CBC.16	4,9	50
ESC-DFU/5/R	003903014	ESC-CBC.35B	6,2	25
ESC-DFU/6/R	003903224	ESC-SCB.6 / DD / CD	9,04	25
ESC-DFU/7/R	003903015	ESC2-DBC.2 & ESC2-DBC.4	7,4	25





ESC-PRP/7

**U shaped cover for cross connection protection**

Type	Code No.	For use with	Weight [g]	Packaging [pcs]
ESC-PRP/7	003903042	ESC-POF & ESC-PMP, length 10 cm (for use with ESC-CBC.4...16)	2	10
ESC-PRP/8	003903043	ESC-POF & ESC-PMP, length 10 cm (for use with ESC-CBC.35...ESC-GPA.70)	2,2	10

Red insulation partition to be used in case of cross connections - bridges

Type	Code No.	Dimension (for use with)	Weight [g]	Packaging [pcs]
ESC-DFM/900	003903016	17 x 18mm (ESC-CBC.2...ESC-CBC.10, ESC2-DBC.2M ESC2-DBC.4)	1	50
ESC-DFM/700	003903017	28 x 32mm (ESC-CBC.16, ESC-CBC.35)	0,9	50

Cross connections - bridges

Type	Code No.	CROSS CONNECTIONS: nr. of poles, for use with, color	Weight [g]	Packaging [pcs]	Min order [pcs]
ESC-PTC/2/02	003903018	2 POLE for (ESC-CBC.2, ESC2-DBC.2)	1	25	1
ESC-PTC/2/10	003903019	10 POLE for (ESC-CBC.2, ESC2-DBC.2)	5	10	
ESC-PTC/4/02	003903020	2 POLE for (ESC-CBC.4, ESC2-DBC.4)	1	25	
ESC-PTC/4/10	003903021	10 POLE for (ESC-CBC.4, ESC2-DBC.4)	6	10	
ESC-PTP2/02/R	003903022	2 POLE for (ESC-CBC.2) - RED, insulated	0,9	25	
ESC-PTP2/03/R	003903023	3 POLE for (ESC-CBC.2) - RED, insulated	1,4	25	
ESC-PTP2/10/R	003903024	10 POLE for (ESC-CBC.2) - RED, insulated	4,6	10	
ESC-PTP2/02/B	003903025	2 POLE for (ESC-CBC.2) - BLUE, insulated	0,9	25	
ESC-PTP2/03/B	003903026	3 POLE for (ESC-CBC.2) - BLUE, insulated	1,4	25	
ESC-PTP2/10/B	003903027	10 POLE for (ESC-CBC.2) - BLUE, insulated	4,6	10	
ESC-PTP4/02/R	003903028	2 POLE for (ESC-CBC.4) - RED, insulated	1	25	
ESC-PTP4/03/R	003903029	3 POLE for (ESC-CBC.4) - RED, insulated	1,3	25	
ESC-PTP4/10/R	003903030	10 POLE for (ESC-CBC.4) - RED, insulated	5,4	10	
ESC-PTP4/02/B	003903031	2 POLE for (ESC-CBC.4) - BLUE, insulated	1	25	
ESC-PTP4/03/B	003903032	3 POLE for (ESC-CBC.4) - BLUE, insulated	1,3	25	25
ESC-PTP4/10/B	003903033	10 POLE for (ESC-CBC.4) - BLUE, insulated	5,4	10	
ESC-PTC/6/02	003903034	2 POLE for (ESC-CBC.6)	2	25	
ESC-PTC/6/10	003903035	10 POLE for (ESC-CBC.6)	12	10	
ESC-PTC/10/02	003903036	2 POLE for (ESC-CBC.10)	3	25	
ESC-PTC/10/10	003903037	10 POLE for (ESC-CBC.10)	18	10	
ESC-POF/53	003903038	cross connection of several terminal blocks for (ESC-CBC.16, length 2 holes)	13	25	
ESC-POF/35	003903039	cross connection of several terminal blocks for (ESC-CBC.35, length 2 holes)	13	15	
ESC-CPM/16	003903230	Screw/sleeve, for ESC-CBC.16 / B	5	25	
ESC-PMP/05	003903040	Commoning bar (21 holes, length 25 cm) for ESC-CBC.16 / B	15	8	8
ESC-CPM/35	003903231	Screw/sleeve for ESC-CBC.35 / B		20	20
ESC-PMP/35	003903041	Commoning bar (16 holes, length 25 cm) for ESC-CBC.35 / B	10	8	8

* Connecting bridges can be cut to the desired length

** In connection with connecting bridges we recommend the use of DFM insulation partitions

ESC-PTP2/03/B

ESC-PTC/2/02

ESC-POF/53

ESC-PTP2/03/R



ESC-PTC/6/02

Line-up terminals

Earth terminal blocks - Feed through terminal blocks, yellow-green

Type	Code No.	Ferrule type max. [mm ²] / rated cross section	Weight [g]	Packaging [pcs]
ESC-TE0.2	003903066	2,5	11,2	75
ESC-TE0.4	003903067	4	14,6	50
ESC-TEC.6/0	003903070	6	29,3	45
ESC-TEC.10/0	003903071	10	34	35
ESC-TEC.16/0	003903072	16	48,7	30
ESC-TEC.35/0	003903073	35	81	15
ESC-TEC.70/0	003903074	70	36	25

*Other cable type max. cross sections in technical data

** Conductor with cable ferrule.

End sections

Type	Code No.	For use with	Weight [g]	Packaging [pcs]
ESC-TE0.2/PT	003903068	ESC-TE0.2	2,3	50
ESC-TE0.4/PT	003903069	ESC-TE0.4	3,2	25

*Bigger cross sections (6...70mm²) are compact, end sections not needed

Fuse holder terminal block, rated cross section 4mm²

Type	Code No.	Description	Weight [g]	Packaging [pcs]
ESC-SFR.4	003903057	FUSE-HOLDER TERMINAL BLOCK (fuse 5 x 20mm)	16	70
ESC-SFR/3A	003903058	3A DIODE-HOLDER CARTRIDGE	2	70
ESC-C0/5	003903059	Brass conducting cilinder (act like disconnect)	3	50
ESC-SFR.4/PT	003903060	END SECTION	3,5	25

*Other cable type max. cross sections in technical data

** Conductor with cable ferrule.

Fuse holder terminal block, rated cross section 6mm²

Type	Code No.	Description	Weight [g]	Packaging [pcs]
ESC-SFR.6	003903061	FUSE-HOLDER TERMINAL BLOCK (fuse 6,3 x 32mm)	28	50
ESC-SFR.6/PT	003903062	END SECTION	5,7	25

*Other cable type max. cross sections in technical data

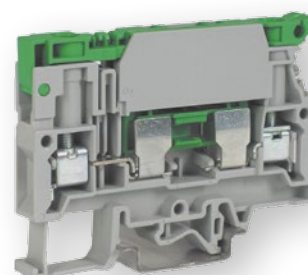
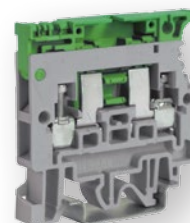
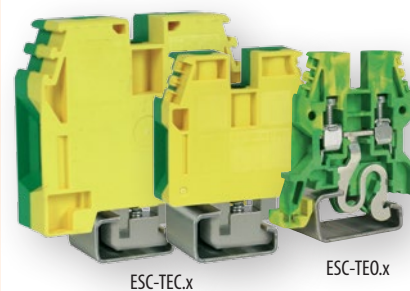
** Conductor with cable ferrule.

Disconnect terminal block (1-0)

Type	Code No.	Description	Weight [g]	Packaging [pcs]
ESC-CBS.2	003903064	Disconnect terminal block, rated cross section 2,5mm ²	1	100
ESC-CB/PT	003903237	End section	3,48	25

*Other cable type max. cross sections in technical data

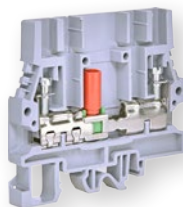
** Conductor with cable ferrule.



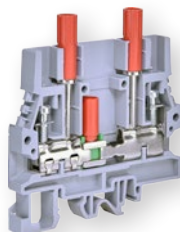
Disconnect terminal blocks for test and measurement circuits ESC-SCB series

- disconnects by means of conducting element to be inserted in the lever
- slide link disconnect
- possibility to perform parallel connections
- universal mounting for both PR/DIN and PR/3 rails which meet IEC 60715 norms, "G32" and TH/35 types
- available in grey
- maximum operating temperature 100 °C

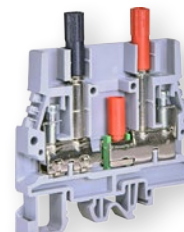
ESC-SCB.6



ESC-SCB.6/DD



ESC-SCB.6/CD



(*) For the simple connection in parallel of two or more adjoining terminal blocks use the parallel skid, with the screws and sleeves, after removing the insulating wall with a simple cutter

Longitudinal and transversal test switching terminal block. Configuration complete with test plug socket downstream and upstream the slide link, compliant with the ENEL LV 27/3 specifications

Longitudinal and transversal test switching terminal block. Configuration complete with a test plug socket upstream and a short circuit sleeve ESC-SCB.6/PO-2 or ESC-SCB.6/PO-4 type, supplied separately, downstream of the slide link, compliant with the ENEL LV 27/2 specifications



ESC-SCB.4

Disconnect terminal blocks for test and measurement circuits , grey color

Type	Code No.	Ferrule type max. [mm ²] / rated cross section	Weight [g]	Packaging [pcs]
ESC-SCB.4	003903218	4	13,2	75
ESC-SCB.6	003903220	6	27,8	100
ESC-SCB.6/DD	003903221	6	36	80
ESC-SCB.6/CD	003903222	6	39	80

End sections

Type	Code No.	For use with	Weight [g]	Packaging [pcs]
ESC-SCB.4/PT	003903219	ESC-SCB.4	3,44	25
SCB.6/PT/GR	003903223	ESC-SCB.6, SCB.6/DD/GR, ESC-SCB.6/CD	8,1	25

PSD sockets - Test connector

For measurements and checks on circuits which are related to the terminal boards, the following special items can be supplied:

- insulated sockets (PSD) screwable onto the conductor body of the terminal blocks

PSD sockets - Test connector, red color

Type	Code No.	Description Internal socket Ø (mm)	For use with	Weight [g]	Packaging [pcs]
ESC-PSD/P	003903225	4,05	ESC-SCB.6, ESC-SCB.6/	4	50
ESC-PSD/A	003903226	2,35	ESC-SCB.4	2	50



Line-up terminals

Short circuit plates

These allow simultaneous connection to earth of the current reducers, already connected to the ESC-SCB.4, ESC-SCB.6.

They consist of special platelets and sleeves that guarantee the correct sequence of the operation. The platelets, in the open position, block the movements of the cursors, preventing disconnection of the current circuits.

Short circuit plates

Type	Code No.	For use with	Weight [g]	Packaging [pcs]
ESC-SCB.6/P0-2	003903227	Short circuit plate for two adjacent ESC-SCB.6 terminal blocks	3,15	40
ESC-SCB.6/P0-4	003903228	Short circuit plate for four adjacent ESC-SCB.6 terminal blocks	6	20



ESC-SCB.6/P0-2



ESC-SCB.6/P0-4

Equipotential terminal boards

Applications

Partition rail assemblies are used as supplementary rail assemblies for phase or neutral expansion inside electrical panels. They are also known as equipotential rail assemblies because they are used as equipotential nodes in distribution control units to collect the earth system.

General features

- Available in 7 and 12 hole versions

- Mounted onto PR/3 profiles conforming to IEC 60715 standards, TH/35 type
- Inherent protection against accidental contact
- IPXXB level according to IEC 60529
- Possible to label with a CNU/8 tag
- Available in green and blue
- Conformance to EN 60998-1:2004 and EN 60998-2-1:2004 regulations
- Insulating body made of 6.6 UL94V-0 polyamide

Equipotential distribution terminal boards

Type	Code No.	Description	Weight [g]	Packaging [pcs]
ESC-QBLOK7001	003903204	for Conductor Flexible/Rigid (10/16)mm ² , 7 holes, Blue	45	10
ESC-QBLOK7002	003903205	for Conductor Flexible/Rigid (10/16)mm ² , 7 holes, Green	45	10
ESC-QBLOK1201	003903206	for Conductor Flexible/Rigid (10/16)mm ² , 12 holes, Blue	28	10
ESC-QBLOK1202	003903207	for Conductor Flexible/Rigid (10/16)mm ² , 12 holes, Green	28	10



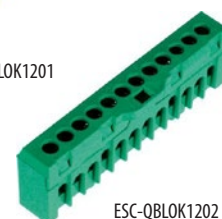
ESC-QBLOK7001



ESC-QBLOK7002

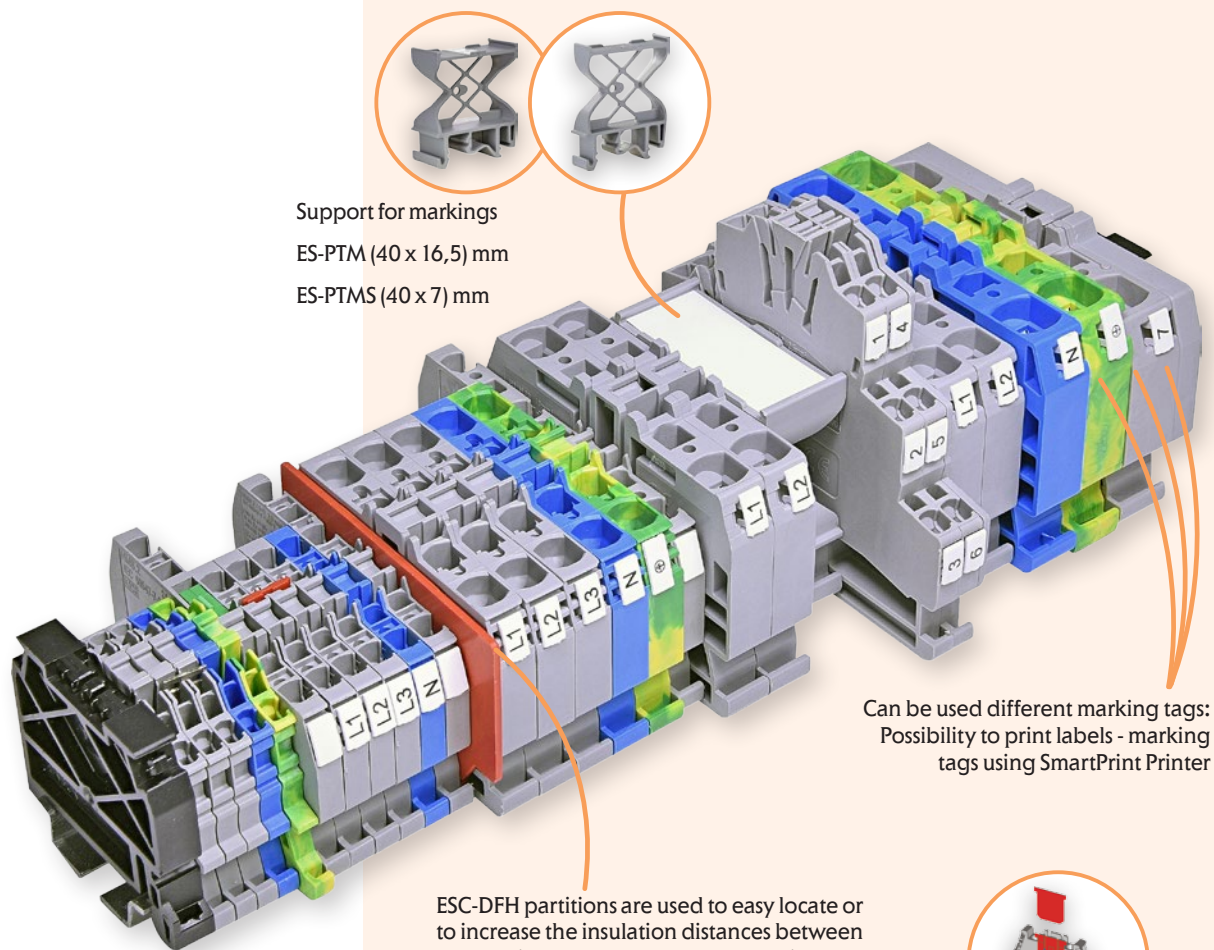


ESC-QBLOK1201



ESC-QBLOK1202

Spring clamp terminal blocks



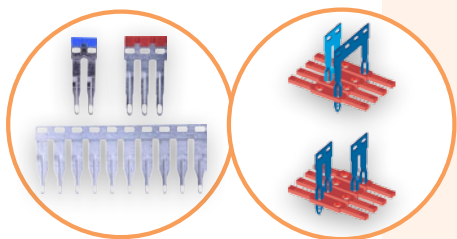
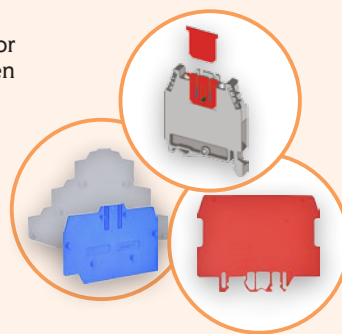
Support for markings
ES-PTM (40 x 16,5) mm
ES-PTMS (40 x 7) mm

Can be used different marking tags:
Possibility to print labels - marking
tags using SmartPrint Printer

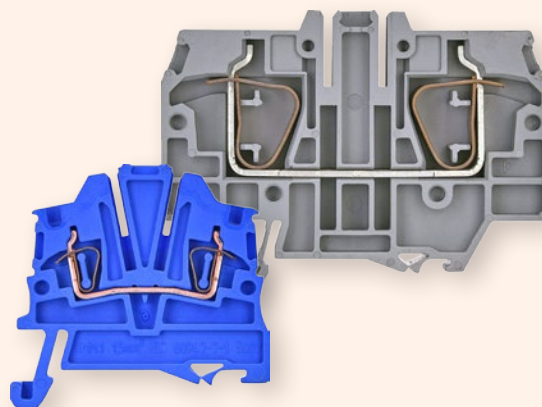
ESC-DFH partitions are used to easy locate or
to increase the insulation distances between
terminal blocks and parallel multiple
commoning bars.



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



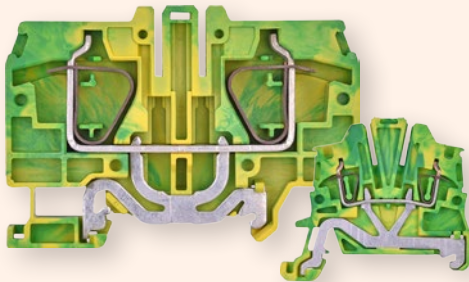
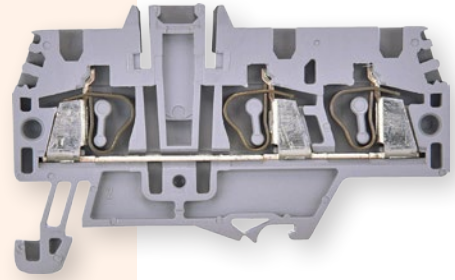
"Easy bridge" system: double possibility to insert PTC, PTP
multi-pole cross-connections, without the need of insulating
protection. Cross connections - bridges 2, 3 and 10 pole versions
with insulation red or blue, or without isolation.



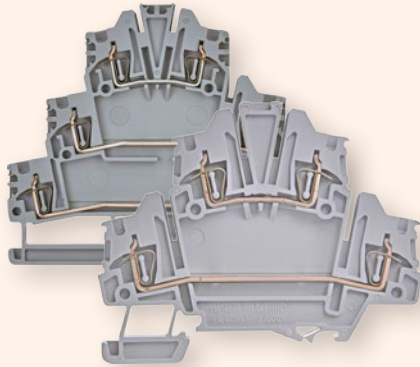
- Spring type terminal blocks ESP-HMM series for conductors
with cross sections from 0,2 to 25 mm² in grey and blue
color. Provide constant and permanent clamping pressure to
electrical conductor, resistant to vibrations.

Line-up terminals

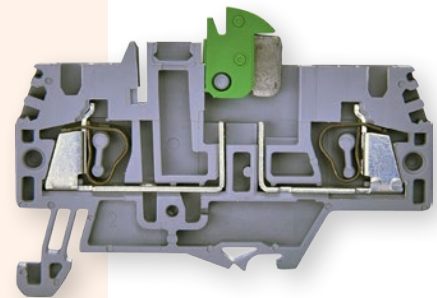
Feed through terminal blocks ESP-HMM/1+2, 1 input and 2 outputs, grey color. For conductors with cross sections from 0,2 to 4 mm² in grey color.



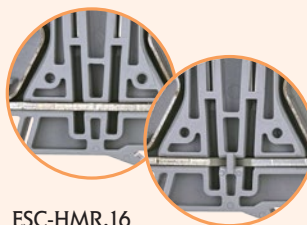
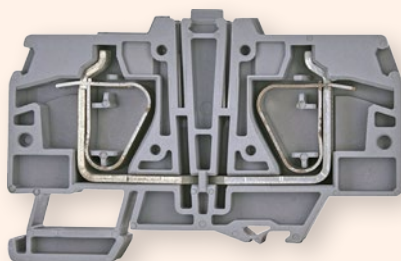
Earth terminal blocks ESP-HTE - Feed through terminal blocks, yellow-green. For conductors with cross sections from 0,2 to 25 mm² in green-yellow color.



Two and three level terminal blocks ESP2-HMD and ESP3-HLD. For conductors with cross sections from 0,2 to 2,5 mm² in grey color.



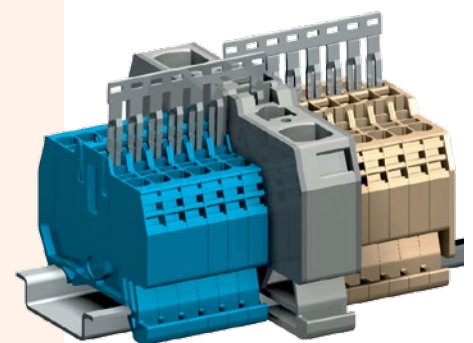
Disconnect terminal block ESP-HMS.2. For conductors with cross sections from 0,2 to 4 mm² in grey color.



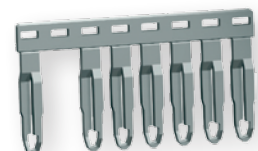
ESC-HMR.16

ESC-HMR.16/D

Potential power distribution, grey color terminal blocks ESP-HMR.16 and ESP-HMR.16/D For conductors with cross sections from 1,5 to 25 mm² in grey color. We have single and double power supply version.



Example: double power supply version



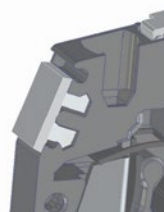
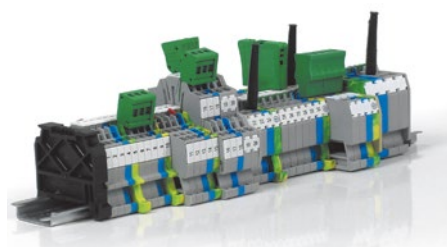
You have to remove second pole from Cross connections - bridges in order to use it with ESC-HMR, ESC-HMR/D.

For high harness volumes, ETI offers its own range of spring-clamp terminal blocks suitable for cables from 0.2 to 10 mm² and reduced current intensity values.

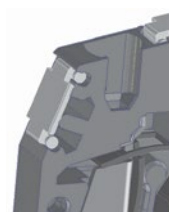
In order to protect the clamping system, a special stop is provided in the insulating body; this has the function of ensuring the spring does not go over its elastic range, in case of handling carried out by unskilled workforce. The appropriate sizing of the wire insertion hole, fully in compliance with the requirements given by IEC 60947-1 Standard concerning the gauge, guarantees the insertion of any type of conductor having the rated cross-section, also with a ferrule. The resulting connection, with respect to the technology adopted, is of the maximum reliability and safety under both the aspects of the quality of the materials and for the particular conformation of the components; in this way the damaging of unprepared flexible conductors is avoided. The insertion of the wire is vertical; this means further time and costs savings, especially where space is limited, but where guaranteed high-density connections are required.

For the commoning of different elements, a practical and safe cross-connection system is available.

The terminals with rated cross sections between 1.5 mm² and 16 mm² can be connected one with another in the most various ways thanks to our exclusive "Easy Bridge" (ESP-PTC/PTP) connection system, with quick coupling, which combines efficiency, rapidity and flexibility and ensures at the same time an extraordinary economic result; these characteristics, together with an IPXXB intrinsic installation guarantee a connectivity which is superior to that offered by competitors.



CNU/8



SHZ

Marking systems

Our particular marking system has to be highlighted. The same SHZ numbering strip, in fact, can be inserted on both sides of the terminal block or on the appropriate housings provided in the upper part of the terminal block. This means easy identification of every terminal block in the electrical panel.

It is possible also to perform the marking also using ES-NU0851 tags.



Feed through, grey color

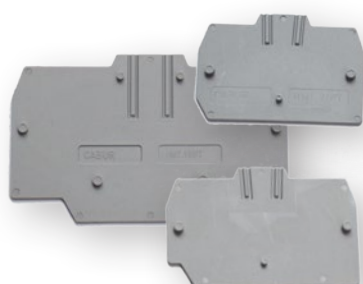
Type	Code No.	Ferrule type max. [mm ²] / rated cross section	Weight [g]	Packaging [pcs]
ESP-HMM.1	003903130	1,5	5	100
ESP-HMM.2	003903131	2,5	7	80
ESP-HMM.4	003903132	4	12	60
ESP-HMM.6	003903133	6	19	30
ESP-HMM.10	003903134	10	25,2	30
ESP-HMM.16	003903135	16	38,3	30

*Other cable type max. cross sections in technical data

** Conductor with cable ferrule.

End sections, grey color

Type	Code No.	For use with	Weight [g]	Packaging [pcs]
ESP-HMT.1/PT	003903136	ESP-HMM.1, ESP-HTE.1	2,7	25
ESP-HMT.2/PT	003903137	ESP-HMM.2, ESP-HTE.2	2,8	25
ESP-HMT.4/PT	003903138	ESP-HMM.4, ESP-HTE.4	3,8	25
ESP-HMT.6/PT	003903139	ESP-HMM.6, ESP-HTE.6	4,2	25
ESP-HMT.10/PT	003903140	ESP-HMM.10, ESP-HTE.10	5	25
ESP-HMT.16/PT	003903141	ESP-HMM.16, ESP-HTE.16	6	25



Line-up terminals

Feed through terminal blocks, blue color

Type	Code No.	Ferrule type max. [mm ²] / rated cross section	Weight [g]	Packaging [pcs]
ESP-HMM.1B	003903166	1,5	5	100
ESP-HMM.2B	003903167	2,5	7	80
ESP-HMM.4B	003903168	4	12	60
ESP-HMM.6B	003903169	6	19	30
ESP-HMM.10B	003903170	10	25,2	30
ESP-HMM.16B	003903171	16	38,3	30

*Other cable type max. cross sections in technical data

** Conductor with cable ferrule.

End sections, blue color

Type	Code No.	For use with	Weight [g]	Packaging [pcs]
ESP-HMT.1/PTB	003903172	ESP-HMM.1B	2,6	25
ESP-HMT.2/PTB	003903173	ESP-HMM.2B	2,9	25
ESP-HMT.4/PTB	003903174	ESP-HMM.4B	3,4	25
ESP-HMT.6/PTB	003903175	ESP-HMM.6B	4	25
ESP-HMT.10/PTB	003903176	ESP-HMM.10B	10	25
ESP-HMT.16/PTB	003903177	ESP-HMM.16B	6	25

Potential power distribution, grey color terminal blocks

Type	Code No.	Description, ferrule type max. [mm ²] / rated cross section	Weight [g]	Packaging [pcs]
ESP-HMR.16	003903178	Single power supply version, 16	43	15
ESP-HMR.16/D	003903179	Double supply version, 16	47	30

End sections, grey color

Type	Code No.	For use with	Weight [g]	Packaging [pcs]
ESP-HMR.16-2/PT	003903180	Connection to distribution ESP-HMM.2	8	10
ESP-HMR.16-4/PT	003903181	Connection to distribution ESP-HMM.4	8	10
ESP-HMR.16-6/PT	003903182	Connection to distribution ESP-HMM.6	9	10

*Other cable type max. cross sections in technical data

** Conductor with cable ferrule.

Two level terminal blocks

Type	Code No.	Ferrule type max. [mm ²] / rated cross section	Weight [g]	Packaging [pcs]
ESP2-HMD.1	003903183	1,5	9,4	50
ESP2-HMD.2N	003903184	2,5	12,2	40

** Conductor with cable ferrule.

End section for two level terminal blocks

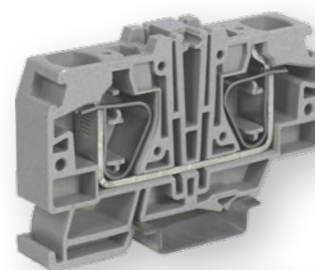
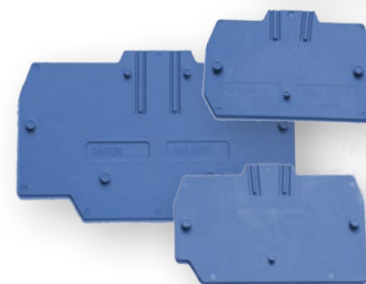
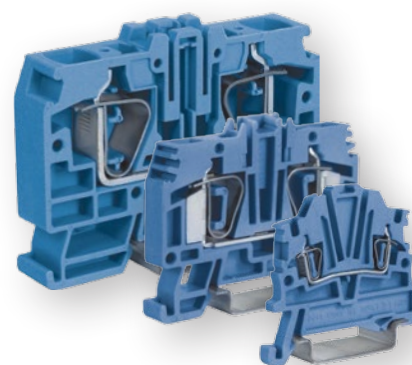
Type	Code No.	For use with	Weight [g]	Packaging [pcs]
ESP2-HMD.1/PT	003903185	ESP2-HMD.1, ESP2-HMD.2N	4,9	25

Three level terminal block

Type	Code No.	Ferrule type max. [mm ²] / rated cross section	Weight [g]	Packaging [pcs]
ESP3-HLD.2	003903186	2,5	19,2	50

*Other cable type max. cross sections in technical data

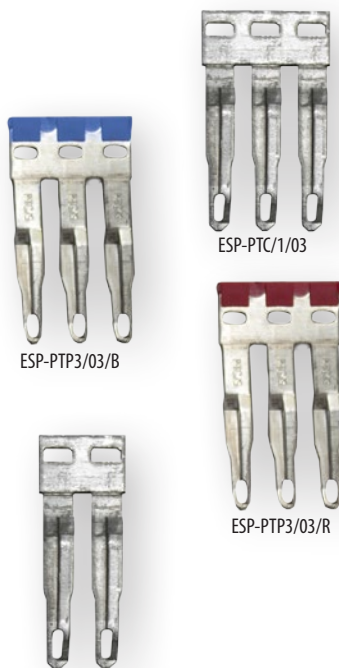
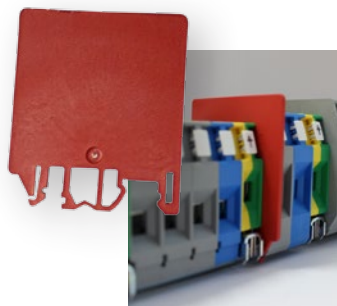
** Conductor with cable ferrule.





ESP-HMM.2/1+2

ESP-HMM.4/1+2



ESP-PTP/03/B

ESP-PTC/1/03

ESP-PTP/03/R

ESP-PTC/08/02

End section for three level terminal blocks

Type	Code No.	For use with	Weight [g]	Packaging [pcs]
ESP3-HLD.2/PT	003903187	ESP3-HLD.2	6	25

Feed through terminal blocks, 1 input and 2 outputs, grey color

Type	Code No.	Ferrule type max. [mm ²] / rated cross section	Weight [g]	Packaging [pcs]
ESP-HMM.2/1+2	003903233	2,5	10	80
ESP-HMM.4/1+2	003903234	4	17,2	40

*Other cable type max. cross sections in technical data

** Conductor with cable ferrule.

End sections

Type	Code No.	For use with	Weight [g]	Packaging [pcs]
ESP-HMT.2/1+2/PT	003903189	ESP-HMM.2/1+2	3,4	25
ESP-HMT.4/1+2/PT	003903236	ESP-HMM.4/1+2	4,3	25

Red partitions

Type	Code No.	For use with	Weight [g]	Packaging [pcs]
ESP-DFH/1	003903142	ESP-HMM.1...ESP-HMM.6	4	25
ESP-DFH/4	003903143	ESP-HMM.10...ESP-HMM.16	6	25

Compatible also with two and three level spring terminal blocks

Cross connections - bridges

Type	Code No.	CROSS CONNECTIONS: nr. of poles, for use with, color	Weight [g]	Packaging [pcs]
ESP-PTC/1/02	003903145	2 POLE CROSS CONNECTION (ESP-HMM.1,ESP2-HMD.1)	1	25
ESP-PTC/1/03	003903146	3 POLE CROSS CONNECTION (ESP-HMM.1, ESP2-HMD.1)	1	25
ESP-PTC/1/10	003903147	10 POLE CROSS CONNECTION (ESP-HMM.1, ESP2-HMD.1)	3	10
ESP-PTP/3/02/R	003903148	2 POLE CROSS CONNECTION (ESP-HMM.2, ESP2-HMD.2) - RED	0,9	25
ESP-PTP/3/03/R	003903149	3 POLE CROSS CONNECTION (ESP-HMM.2, ESP2-HMD.2) - RED	1,4	25
ESP-PTP/3/10/R	003903150	10 POLE CROSS CONNECTION (ESP-HMM.2, ESP2-HMD.2) - RED	4,8	10
ESP-PTP/3/02/B	003903151	2 POLE CROSS CONNECTION (ESP-HMM.2, ESP2-HMD.2) - BLUE	0,9	25
ESP-PTP/3/03/B	003903152	3 POLE CROSS CONNECTION (ESP-HMM.2, ESP2-HMD.2) - BLUE	1,4	25
ESP-PTP/3/10/B	003903153	10 POLE CROSS CONNECTION (ESP-HMM.2, ESP2-HMD.2) - BLUE	4,8	10
ESP-PTP/5/02/R	003903154	2 POLE CROSS CONNECTION (ESP-HMM.4) - RED	1,3	25
ESP-PTP/5/03/R	003903155	3 POLE CROSS CONNECTION (ESP-HMM.4) - RED	1,9	25
ESP-PTP/5/10/R	003903156	10 POLE CROSS CONNECTION (ESP-HMM.4) - RED	6,4	10
ESP-PTP/5/02/B	003903157	2 POLE CROSS CONNECTION (ESP-HMM.4) - BLUE	1,3	25
ESP-PTP/5/03/B	003903158	3 POLE CROSS CONNECTION (ESP-HMM.4) - BLUE	1,9	25
ESP-PTP/5/10/B	003903159	10 POLE CROSS CONNECTION (ESP-HMM.4) - BLUE	6,4	10
ESP-PTC/8/02	003903160	2 POLE CROSS CONNECTION (ESP-HMM.6)	2	25
ESP-PTC/8/10	003903161	10 POLE CROSS CONNECTION (ESP-HMM.6)	12	10
ESP-PTC/11/02	003903162	2 POLE CROSS CONNECTION (ESP-HMM.10)	5	25
ESP-PTC/11/10	003903163	10 POLE CROSS CONNECTION (ESP-HMM.10)	12	10
ESP-PTC/16/02	003903164	2 POLE CROSS CONNECTION (ESP-HMM.16)	6	25
ESP-PTC/16/10	003903165	10 POLE CROSS CONNECTION (ESP-HMM.16)	12	10

Compatible also with two and three level spring terminal blocks

Line-up terminals

Red insulation partition to be used in case of cross connections - bridges

Type	Code No.	Dimension (for use with)	Weight [g]	Packaging [pcs]
ESP-DFM/500	003903144	4,5 x 13 (ESP-HMM.1)	0,1	50

Disconnect terminal block

Type	Code No.	Description	Weight [g]	Packaging [pcs]
ESP-HMS.2	003903188	Disconnect terminal block, rated cross section 2,5mm ²	11	80
ESP-HMT.2/1+2/PT	003903189	End section	3,4	25

*Other cable type max. cross sections in technical data

** Conductor with cable ferrule.

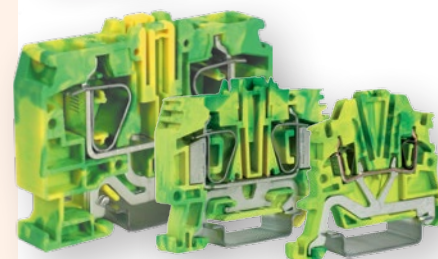
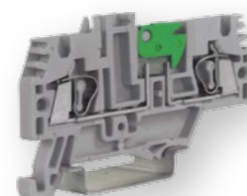
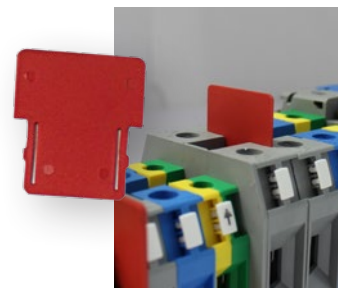
Earth terminal blocks - Feed through terminal blocks, yellow-green

Type	Code No.	Ferrule type max. [mm ²] / rated cross section	Weight [g]	Packaging [pcs]
ESP-HTE.1	003903190	1,5	7	80
ESP-HTE.2	003903191	2,5	10	80
ESP-HTE.4	003903192	4	14	60
ESP-HTE.6	003903193	6	20	30
ESP-HTE.10	003903194	10	29	30
ESP-HTE.16	003903195	16	24	30

*Other cable type max. cross sections in technical data

** Conductor with cable ferrule.

*** End sections ESP-HMT.X/PT on page 786



Common Screw And Spring Type Accessories

End bracket

ES-BTO

End bracket suitable for IEC 60715/TH35 rails (our types PR/3); it is mounted directly in the desired position and does not require screw fixing. Particularly suitable if there are rail fixing screws with high heads:

- in black polyamide
- thickness: 8 mm

ES-BT/3

To be mounted on rails in accordance with the IEC 60715/TH35 standard (our type PR/3). Requires screw fixing:

- in black polyamide
- thickness: 8 mm

End bracket

Type	Code No.	Description	Weight [g]	Packaging [pcs]
ES-BTO	003903075	End bracket for DIN rail	8	25
ES-BT/3	003903229	TH35	6	25



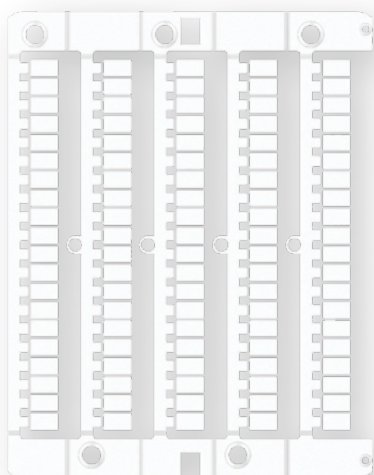
ES-BTO



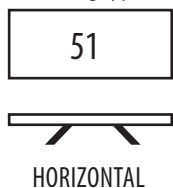
ES-BT/3

Marking tags

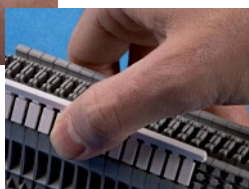
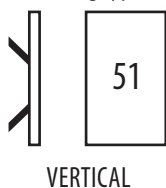
- Marking tags ES-NU0851 suitable for marking all types of terminal blocks (screw-clamp and spring-clamp) in tables of 100 elements in packs of 500 tags; must be ordered in multiples of 100 pcs
- In white polycarbonate with black printing, to be applied directly into position either before or after preparing the terminal board; tag dimensions: 8 x 5.1 mm
- Marking tags ES-TA1640AW: must be ordered in multiples of 150 pcs (1 plate).
- Marking tags ES-TA407AW: must be ordered multiple of 360 pcs (1 plate).



Writing type



Writing type



ES-PTM



ES-PTMS

Marking tags for all types of terminals with rated cross section 2,5mm²...240mm²

Type	Code No. / 1 pc	Description	Weight [g]	Packaging [pcs]
ES-NU0851	003903076	Blank tags	0,2	1500
ES-NU0851001	003903077	Tags no. 1 to 50	0,2	500
ES-NU0851051	003903078	Tags from 51 to 100	0,2	500
ES-NU0851101	003903079	Tags from 101 to 150	0,2	500
ES-NU0851151	003903080	Tags from 151 to 200	0,2	500
ES-NU0851201	003903081	Tags from 201 to 250	0,2	500
ES-NU0851251	003903082	Tags from 251 to 300	0,2	500
ES-NU0851301	003903083	Tags from 301 to 350	0,2	500
ES-NU0851351	003903084	Tags from 351 to 400	0,2	500
ES-NU0851401	003903085	Tags from 401 to 450	0,2	500
ES-NU0851451	003903086	Tags from 451 to 500	0,2	500
ES-NU0851501	003903087	Tags from 501 to 550	0,2	500
ES-NU0851551	003903088	Tags from 551 to 600	0,2	500
ES-NU0851601	003903089	Tags from 601 to 650	0,2	500
ES-NU0851651	003903090	Tags from 651 to 700	0,2	500
ES-NU0851701	003903091	Tags from 701 to 750	0,2	500
ES-NU0851751	003903092	Tags from 751 to 800	0,2	500
ES-NU0851801	003903093	Tags from 801 to 850	0,2	500
ES-NU0851851	003903094	Tags from 851 to 900	0,2	500
ES-NU0851901	003903095	Tags from 901 to 950	0,2	500
ES-NU0851951	003903096	Tags from 951 to 1000	0,2	500
ES-NU0851510	003903097	Tags from 1 to 10	0,2	500
ES-NU0851520	003903098	Tags from 11 to 20	0,2	500
ES-NU0851530	003903099	Tags from 21 to 30	0,2	500
ES-NU0851540	003903100	Tags from 31 to 40	0,2	500
ES-NU0851550	003903101	Tags from 41 to 50	0,2	500
ES-NU0851560	003903102	Tags from 51 to 60	0,2	500
ES-NU0851570	003903103	Tags from 61 to 70	0,2	500
ES-NU0851580	003903104	Tags from 71 to 80	0,2	500
ES-NU0851590	003903105	Tags from 81 to 90	0,2	500
ES-NU0851600	003903106	Tags from 91 to 100	0,2	500
ES-NU08510L1	003903107	Tags L1	0,2	500
ES-NU08510L2	003903108	Tags L2	0,2	500
ES-NU08510L3	003903109	Tags L3	0,2	500
ES-NU0851N	003903110	Tags N	0,2	500
ES-NU08510PE	003903111	Tags PE	0,2	500
ES-NU085110	003903112	Tags =	0,2	500
ES-NU085111	003903113	Tags +	0,2	500
ES-NU085112	003903114	Tags -	0,2	500
ES-NU085114	003903115	Tags earth	0,2	500
ES-NU0851R	003903116	Tags R	0,2	500
ES-NU0851S	003903117	Tags S	0,2	500
ES-NU0851T	003903118	Tags T	0,2	500
ES-NU0851UV	003903119	Tags U	0,2	500
ES-NU0851V	003903120	Tags V	0,2	500
ES-NU0851W	003903121	Tags W	0,2	500
ES-NU0851X	003903122	Tags X	0,2	500
ES-PTM	003903123	Support for markings	12,5	15
ES-PTMS	003903124	Support for markings	6,4	36
ES-TAP1640AW	003903239	Blank marking (40 x 16 x 0,5 mm)	0,89	120
ES-TAP407AW	003903240	Blank marking (40 x 7 x 0,5 mm)	0,89	280
ES-NU1051S	003903232	Blank tags - used with SmartPrint printer	8	1500

Not compatible with HMM.1 (1,5mm² spring terminal blocks), use ESP-SHZ

Line-up terminals

ES-NU1051S - To be used with SmartPrint

- Tags for Cabur terminal blocks CBC-CBD-HMM multiple mounting on CBC.2, single tags on all other sections
- Material: polycarbonate thickness 1.6 mm
- Working temperature: -40 °/+80 °C
- Rub resistance: CEI 16-7.

Marking tags for spring terminals with rated cross section 1,5mm² (ESP-HMM.1, HTE.1)

Type	Code No.	Description	Weight [g]	Packaging [pcs]	Min order [pcs]
ESP-SHZ/1/1_10	003903196	Tags no. 1 to 10	0,2	500	100
ESP-SHZ/1/1_50	003903197	Tags no. 1 to 50	0,2	500	100
ESP-SHZ/1/51_100	003903198	Tags from 51 to 100	0,2	500	100
ESP-SH004S	003903238	Blank tags for Cabur HMM.1 terminal block - used with SmartPrint printer	8	1500	1500

Numbering strips ESP-SHZ, ESP-SH004S

ESP-SHZ, ESP-SH004S numbering strips can be mounted on the sides of the terminal block or in the appropriate housings provided in the upper part of the terminal block itself.

Additional covers for terminals and supports

Type	Code No.	Description, for use with	Weight [g]	Packaging [pcs]
ES-PZM.4	003903200	Protection cover (2m, 66mm x 32 mm), ES-PZD.4/SO	410	2
ES-PZD.4/SO	003903201	Support for ES-PZM.4	14	20
ES-PZM.6	003903202	Protection cover (2m, 87mm x 36 mm), ES-PZD.6/SO	326	2
ES-PZD.6/SO	003903203	Support for ES-PZM.6	8,15	10

Additional covers for terminals and supports

Terminal blocks having a cross-section up to 70 mm² can be protected against accidental contacts or tampering, by means of a PVC transparent cover, supplied in a standard length of 2 m, to be mounted on appropriate polyamide supports and to be inserted on PR/DIN, PR/3, "G32" type and TH/35 mounting rails. They can be fixed by sealing the support ends.

