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EN: This Datasheet is presented by the manufacturer.

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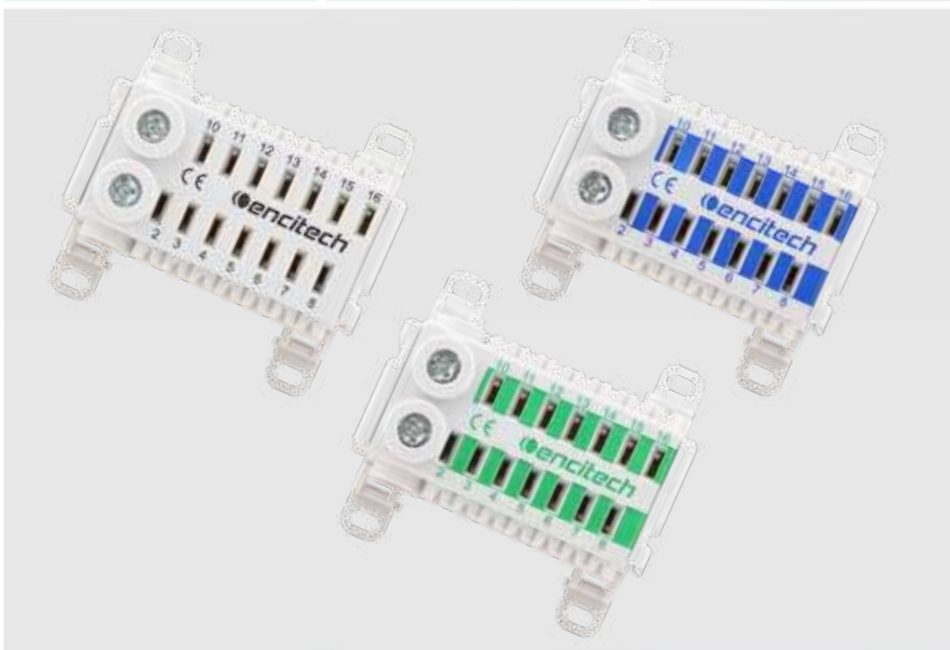
encitech

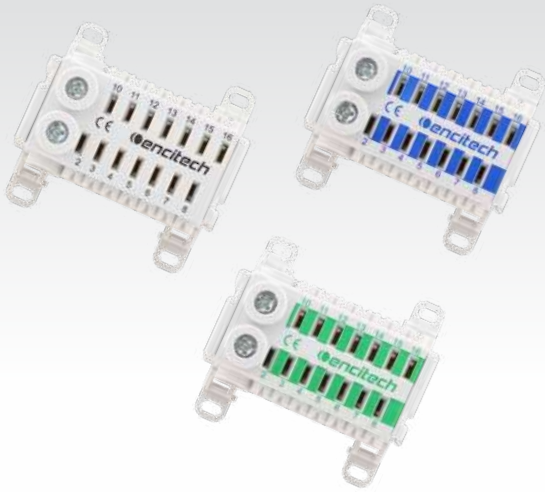
EST Quick Terminals

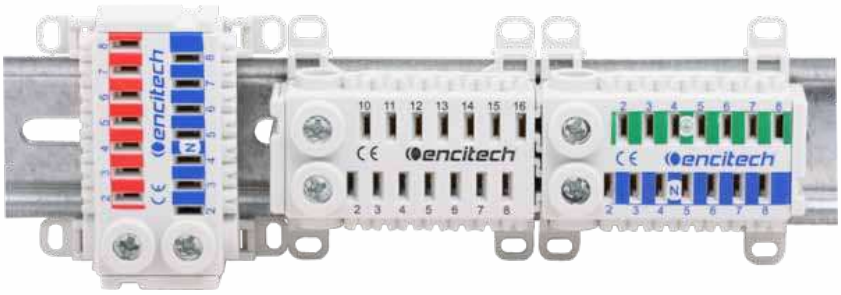


www.encitech.com

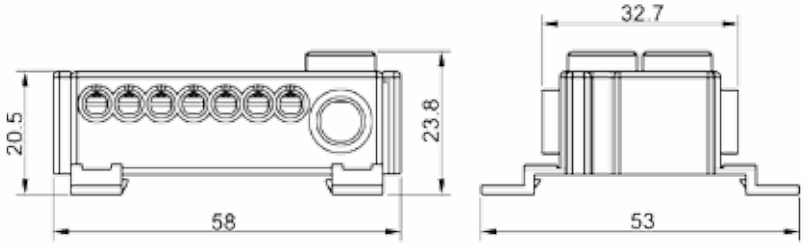
TECHNICAL SPECIFICATIONS — EST Terminals

Rated Voltage	230/400 V AC (Max 690 V AC)
Rated Current	76 A
Safetyclass	IP20
Material	Nylon PA66, HAL-free, UL94 V-0.
Standards	EN60998-1 EN60998-2 EN60998-2-2 EN60999-1 VDE0603-1 CE RoHS compliant.
Connector Size (Cu)	2pcs with screw terminal / block (tightening torque: 2.5 Nm) Solid or stranded (multi-conductor): 1.5mm² to 25mm² 14 pcs with spring clips / block for single core and multi-conductor type FK: 0.5 mm² to 4mm² or multi-conductor type RK, MK ferrule with 0.5 mm² to 4mm². Stranded cables without ferrule can be connected, but accuracy must be considered and tools should be used to affect the spring clip on connection.





Each EST device (block) has 2 screw terminals for wire size from 1.5mm² to 25mm² and 7pcs quick terminals on each side of the conductor from 0.5mm² to 4mm².



Factory-fitted multi-block

On request, from 2 up to 8 assembled blocks ordered in the color green / blue. (PE/N busbar)

Encitech Quick Connection Terminals EST, with quick connect clamps for up to 4mm².
The compact EST terminals are adapted for installation in all types of switchboards, control panels and control equipment for apartment, condominium, real estate and industry.

EST terminals may in many cases replace traditional screw terminals in distribution centers, saving time and costs for installation and connection of the outgoing neutral and ground conductors.

EST can be mounted on DIN rail vertically or horizontally, or beeing screwed directly to a mounting plate.
EST terminals can be assembled into 'blocks' which saves installation space and provides suitable varieties for the purpose. (NOTE: Mechanically connected, ie. Not automatically electrically connected)

EST142F
GREY
900-97-300100-59

EST142PE
GREEN
900-97-300110-59

EST142N
BLUE
900-97-300120-59

EST142R
RED
900-97-300130-59

EST172PEN
GREEN/BLUE
900-97-300140-59

EST172RB
RED/BLUE
900-97-300150-59

Part Number	Name	Description	Note
900-97-300100-59	EST142F	1 block, Grey	(Phase)
900-97-300110-59	EST142PE	1 block, Green	(Ground)
900-97-300120-59	EST142N	1 block, Blue	(Neutral or Low Volt.)
900-97-300130-59	EST142R	1 block, Red	(+ / Low Voltage)
900-97-300140-59	EST172PEN	1 block, Green/Blue	(Gnd/Neutral - J/N)
900-97-300150-59	EST172RB	1 block, Red/Blue	(Low Volt. +/- or ac/ac)

About us:

Encitech is a privately held Swedish company with over 35 years of combined experience in the field of designing, manufacturing and distribution of electronic components.

Business Idea:
To offer the market components for electronic applications with a short lead time whilst working in close cooperation with our distributors and end users.

Business Area Overview Encitech Connectors:

- Sub-D Covers & Connectors
- Waterproof Connectors
- RJ45 Plugs & Jacks
- MagJacks
- Circuit Protection
- Power Modules
- Custom Design Products in plastic, metalized plastic and diecast materials

Business Area Overview Encitech Systems:

- Enclosures & Cabinets
- Cable Sealings & Flanges
- Fiber Optics
- Patch Cables
- Power Connectors
- Cooling & Ventilation for Enclosures & Cabinets
- Installation Material & Components for Enclosures & Cabinets

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