



Terminal blocks for enclosures

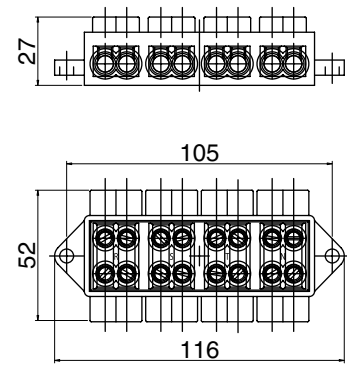
OEC Product Catalogue

Main Branch Terminal Series MST/D-A16

TERMINAL BLOCK 4x16 mm²

Article code: **15671100**

	Width (mm)	Height (mm)	Depth (mm)
Overall dimensions	52	116	27



Technical characteristics:

- Polyamide 66.
- Fire resistance in accordance with Indication UL 94 - V0 thickness 1,6 mm.
- Superficial draught resistance in accordance with regulations IEC 60112 - PTI 500.
- Protection level in accordance with CEI EN 60529: IP 20.
- Tightening screws: stainless-steel M 6x10.
- Max capacity 80 A.
- Refer to Enel Technical Specification: Lombardy STD Dis. N° B 63.016 n. 287320.

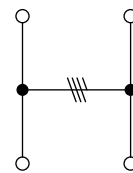
General characteristics:

- Four pole nodal Terminal block for low voltage cables up to 4x16 mm².
- The active parts of Terminal block are made of brass P Cu Zn 40 Pb 2 in accordance with regulations UNI EN 12165 CW 617 N and are machined.

Accessory per Series:

- Series ARE/ST4 (pag. 132).

CIRCUIT DIAGRAM



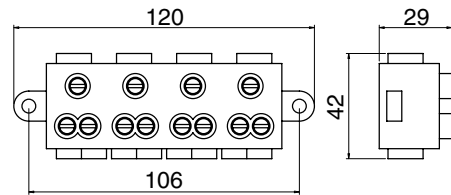
MST/D-A16

Main Branch Terminal Series MST/D-B16

TERMINAL BLOCK 4x16 mm²

Article code: **19000714**

	Width (mm)	Height (mm)	Depth (mm)
Overall dimensions	120	42	29



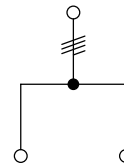
Technical characteristics:

- BMC (Injection moulded fibreglass) colour Grey RAL 7001.
- Fire resistance in accordance with Enel Specifications DS 4974: >80 Points.
- Superficial draught resistance in accordance with regulations IEC 60112 - PTI 500.
- Protection level in accordance with CEI EN 60529: IP 20.
- Max capacity 80 A.
- Reference to Enel Technical Specification: Table 2873 B (Milano) n. 287340.

General characteristics:

- The four hole Terminal block for cables up to 4x16 mm² is for the connection and distribution of mono phase and three phase supply on Z1T and Z3M type supports (pag. 256/257).
- The Terminal block is mounted on a grey BMC base.
- The active parts of Terminal block are made of brass P Cu Zn 40 Pb 2 in accordance with regulations UNI EN 12165 CW 617 N and are machined.
- Mounting screws of wires are stainless-steel with slotted head.

CIRCUIT DIAGRAM



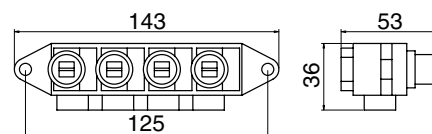
MST/D-B16

Main Branch Terminal Serie MST/D-C16

TERMINAL BLOCK 4x16 mm²

Article code: **T064358K**

	Width (mm)	Height (mm)	Depth (mm)
Overall dimensions	143	36	53



Technical characteristics:

- SMC (Fibreglass) colour Grey RAL 7001.
- Fire resistance in accordance with Enel Specifications 4974: >80 Points.
- Superficial draught resistance in accordance with regulations IEC 60112 - PTI 500.
- Protection level in accordance with CEI EN 60529: IP 20.
- Max capacity 80 A.
- Reference to Enel Technical Specification: Table DS 4432 (National).

General characteristics:

- Output Terminal block for meter boards, for 4 to 16 mm² cables.
- The Terminal block is mounted on a grey SMC grey support.
- The active parts of Terminal block are made of brass P Cu Zn 40 Pb 2 in accordance with regulations UNI EN 12165 CW 617 N and are machined.
- Wire fastening screws are stainless-steel, meter output fastening screws have electrically isolated heads coloured black and the neutral is blue.

Accessory for Series:

- TAE/TFD1 (pag. 269).
- TAE/TFD2 (pag. 270).

CIRCUIT DIAGRAM



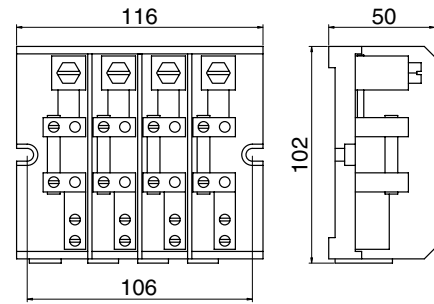
MST/D-C16

Main Branch and Isolation Terminal Series MST/S-A16

TERMINAL BLOCK 4x16 mm²

Article code: **T064368K**

	Width (mm)	Height (mm)	Depth (mm)
Overall dimensions	116	102	50



Technical characteristics:

- SMC (Fibreglass) colour Grey RAL 7001.
- Fire resistance in accordance with Enel Specifications DS 4974: >80 Points.
- Superficial draught resistance in accordance with regulations IEC 60112 - PTI 500.
- Protection level in accordance with CEI EN 60529: IP 00.
- Max capacity 80 A.
- Reference to Enel Technical Specification: Tab. DS 4432 (National).

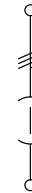
General characteristics:

- The terminal main branch and isolation terminal is for meter boards for three-phase supply from 15 KW to 30 KW direct measurement, with copper cables up to 16 mm².
- The Terminal block is mounted on a SMC base provided with phase separating tabs.
- The active parts of the Terminal block are made of brass P Cu Zn 40 Pb 2 in accordance with regulations UNI EN 12165 CW 617 N machine stamped.
- The output wire tightening screws and jumper screws are slotted M6, made of zinc coated steel.
- The main cable tightening screws are slotted M10 made of stainless-steel with hexagonal head.

Accessory for Series:

- TAE/TFD1 (pag. 269).
- TAE/TFD2 (pag. 270).

CIRCUIT DIAGRAM



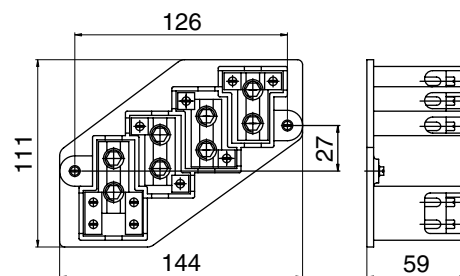
MST/S-A16

Main Branch Terminal SerieS MST/D-A25

TERMINAL BLOCK 4x25 mm²

Article code: **MD2873MK**

	Width (mm)	Height (mm)	Depth (mm)
Overall dimensions	114	111	59



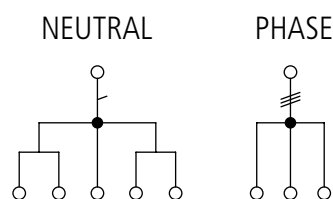
Technical characteristics:

- SMC (Fibreglass) Red colour RAL 3000.
- Fire resistance in accordance with Enel Specifications DS 4974: >80 Points.
- Superficial draught resistance in accordance with regulations IEC 60112 - PTI 500.
- Protection level in accordance with CEI EN 60529: IP 00.
- Max capacity 145 A.
- Reference to Enel Technical Specification: Table 2873 B (Lazio) n. 287319.

General characteristics:

- Four-hole Terminal block for low voltage connection and distribution with copper cables up to 4x25 mm².
- The Terminal block is mounted on a red SMC base provided with phase separating tabs.
- The active parts of Terminal block are made of brass P Cu Zn 40 Pb 2 in accordance with regulations UNI EN 12165 CW 617 N machine stamped.
- The screws to fasten input cables are Allen head M12 made of steel, while for distribution are slotted M5.

CIRCUIT DIAGRAM



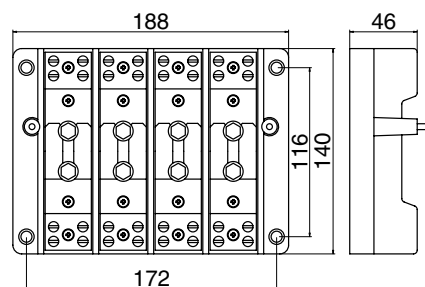
MST/D-A25

Main Branch and Isolation Terminal SerieS MST/S-A35

TERMINAL BLOCK 4x35 mm²

Article code: **M286020U**

	Width (mm)	Height (mm)	Depth (mm)
Overall dimensions Terminal block	188	140	46
Overall dimensions cover	198	210	48



Technical characteristics:

- SMC (Fibreglass) Red colour RAL 3000.
- Fire resistance in accordance with Enel Specifications DS 4974: >80 Points.
- Superficial draught resistance in accordance with regulations IEC 60112 - PTI 500.
- Protection level in accordance with CEI EN 60529: IP 00.
- Max capacity 140 A.
- Reference to Enel Technical Specification: Tab. DS 4535 (National).

General characteristics:

- The terminal main branch and isolation terminal is for copper cables from 10 to 35 mm².
- The Terminal block is mounted on a SMC base provided with phase separating tabs.
- The active parts of Terminal block are made of brass P Cu Zn 40 Pb 2 in accordance with regulations UNI EN 12165 CW 617 N and are machined and tin plated.
- All screws are stainless-steel: those for cable fastening are slotted M8, while those for jumpers are M8 with hexagonal head.
- On the transparent polycarbonate cover there are two series of holes in correspondence with similar holes on the Terminal block for the insertion of gauge probes. The cover is fixed to the base with ridged bushings.
- The neutral terminal is blue.

Accessory per Series:

- ARE/IN3 (pag. 118).

CIRCUIT DIAGRAM

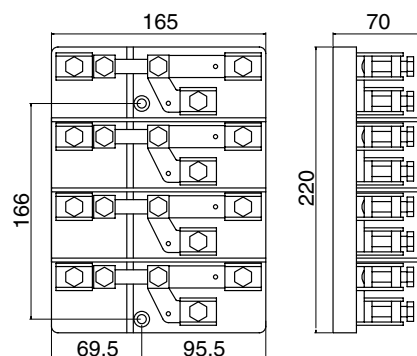


Main Branch and Isolation Terminal SerieS MST/S-A50

TERMINAL BLOCK 4x50 mm²

Article code: **M65415MK**

	Width (mm)	Height (mm)	Depth (mm)
Overall dimensions	165	220	70



Technical characteristics:

- SMC (Fibreglass) colour Grey RAL 7001.
- Fire resistance in accordance with Enel Specifications DS 4974: >80 Points.
- Superficial draught resistance in accordance with regulations IEC 60112 - PTI 500.
- Protection level in accordance with CEI EN 60529: IP 00.
- Max capacity 200 A.
- Reference to Enel Technical Specification: Tab. 2862B (Lombardy).

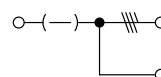
General characteristics:

- Main Branch and Isolation Terminal for copper low voltage 50 mm² or 70 mm² aluminium cables, Enel- Design STD - 104, for wall or pole enclosures for external use, wall or flush mounted for indoor use.
- The terminal block is assembled on an SMC base with phase separating tabs, fixed to the box by threaded inserts that can only be accessed internally.
- The active parts of Terminal block are made of brass P Cu Zn 40 Pb 2 in accordance with regulations UNI EN 12165 CW 617 N machine stamped and tin-coated.
- The fastening terminals are designed to be elastic in order to compensate for the thermal expansion of aluminium wires. Active terminals are black while neutral are blue.
- Tightening screws secure the cables via tin-plated brass lugs.
- Tightening screws and jumpers are in stainless-steel.

Accessory per Series:

- ARE/MP6 (pag. 125).

CIRCUIT DIAGRAM



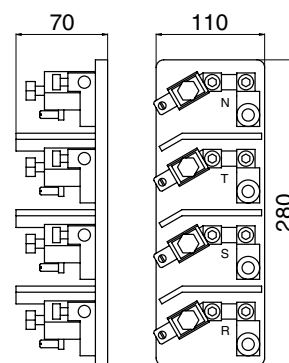
MST/S-B50

Main Branch and Isolation Terminal Series MST/S-A95

TERMINAL BLOCK 4x95 mm²

Article code: **M65624VK**

	Width (mm)	Height (mm)	Depth (mm)
Overall dimensions	360	250	80



Technical characteristics:

- SMC (Fibreglass) colour Grey RAL 7001.
- Fire resistance in accordance with Enel Specifications DS 4974: >80 Points.
- Superficial draught resistance in accordance with regulations IEC 60112 - PTI 500.
- Protection level in accordance with CEI EN 60529: IP 00.
- Max capacity 270 A.
- Reference to Enel Technical Specification: Tab. 2822 E (Triveneto).

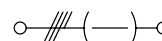
General characteristics:

- The main branch and isolation terminal is for current transformer boards with induced Low Voltage three-phase supply (up to 115 KW, 380 V and 35 KW, 220 V), for 95 mm² copper and up to 150 mm² aluminium cables.
- The Terminal block is mounted on a SMC base provided with phase separating tabs. R,S,T,N.
- The active parts of Terminal block are made of brass P Cu Zn 40 Pb 2 in accordance with regulations UNI EN 12165 CW 617 N and are machine stamped and tin-coated.
- Tightening screws secure wires via pressure tabs and terminals are elastic to compensate for thermal expansion of aluminium wires. Active terminals are black, grey and brown, while neutral are blue.
- Both the input terminals and M10 screws for connection to the Current Transformer bars are designed to facilitate gauge testing via 6x12mm plugs.
- Jumpers are positioned with M10 hexagonal screws.
- All screws are in zinc-coated steel.

Accessorio per serie:

- TAE/TTA (pag. 273).

CIRCUIT DIAGRAM



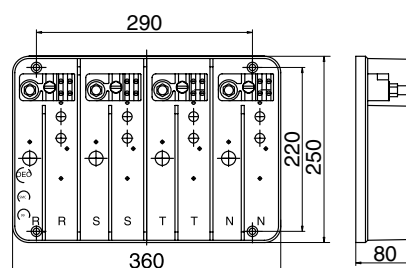
MST/S-A95

Main Branch Terminal Series MST/D-A95

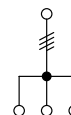
TERMINAL BLOCK 4x95 mm²

Article code: **M66779VK**

	Width (mm)	Height (mm)	Depth (mm)
Overall dimensions	360	250	80



CIRCUIT DIAGRAM



Technical characteristics:

- SMC (Fibreglass) colour Grey RAL 7001.
- Fire resistance in accordance with Enel Specifications DS 4974: >80 Points.
- Superficial draught resistance in accordance with regulations IEC 60112 - PTI 500.
- Protection level in accordance with CEI EN 60529: IP 00.
- Max capacity 270 A.
- Reference to Enel Technical Specification: DS 4532 n . 287102.

General characteristics:

- Supply Terminal block allows connection of 2 copper - up to 95 mm², or aluminium - up to 150 mm² cables via paired terminals with 13 mm holes. The branching design allows the input of a main copper cable of 16-50 mm² into 2 copper cables 10mm² on different tracks creating independent connections and paths for each branched cable.
- The Terminal block is mounted on a SMC base provided with phase separating tabs. Each phase is marked with the letters R,S,T,N.
- The active parts of Terminal block are made of brass P Cu Zn 40 Pb 2 in accordance with regulations UNI EN 12165 CW 617 N machine stamped.
- Mains fastening screws are in stainless-steel. For brass terminals: with copper cables up to 50 mm² bolts with hexagonal nuts and slotted head screws secure wires with lugs; for 10 mm² copper cables screws with slotted heads.

Accessory per Series:

- ARE/ST2 (pag. 128).
- ARE/ST3 (pag. 129).



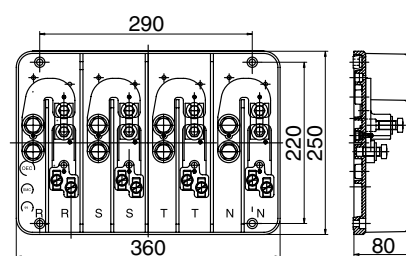
MST/D-A95

Main Branch and Isolation Terminal Series MST/S-B95

TERMINAL BLOCK 4x95 mm²

Article code: **M66778VK**

	Width (mm)	Height (mm)	Depth (mm)
Overall dimensions	360	250	80



Technical characteristics:

- SMC (Fibreglass) colour Grey RAL 7001.
- Fire resistance in accordance with Enel Specifications DS 4974: >80 Points.
- Superficial draught resistance in accordance with regulations IEC 60112 - PTI 500.
- Protection level in accordance with CEI EN 60529: IP 00.
- Max capacity 270 A.
- Reference to Enel Technical Specification: Tab. 2862 C (Triveneto).

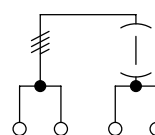
General characteristics:

- The mains branch and isolating terminal allows the connection 2 copper cables up to 95 mm² or aluminium cables up to 150 mm² via terminals with 13 mm holes: the branch allows the mounting of a 6 to 50 mm² copper cable.
- The Terminal block is mounted on a SMC base provided with phase separating tabs. Each phase is marked with the letters R,S,T,N.
- The active parts of Terminal block are made of brass P Cu Zn 40 Pb 2 in accordance with regulations UNI EN 12165 CW 617 N machine stamped.
- The screws for isolating and fastening mains cables are in stainless-steel, those for branching wires are brass with slotted hexagonal head and secure wires with lugs.
- Jumpers are in tin-coated copper.
- Branch terminals have 8 mm large holes for short circuiting and grounding – suitable for equipment as per table UE 8521 B.

Accessory for Series:

- ARE/ST2 (pag. 128).
- ARE/ST3 (pag. 129).

CIRCUIT DIAGRAM



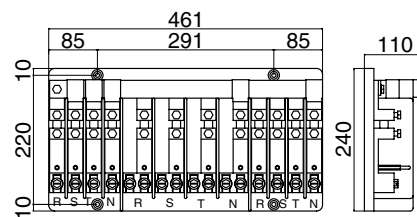
MST/S-B95

Main Branch and Isolation Terminal Series MST/S-C95

TERMINAL BLOCK da 4x95 mm²

Article code: **M64536VK**

	Width (mm)	Height (mm)	Depth (mm)
Overall dimensions	461	240	110



Technical characteristics:

- SMC (Fibreglass) colour Grey RAL 7001.
- Fire resistance in accordance with Enel Specifications DS 4974: >80 Points.
- Superficial draught resistance in accordance with regulations IEC 60112 - PTI 500.
- Protection level in accordance with CEI EN 60529: IP 00.
- Max capacity 270 A.
- Reference to Enel Technical Specification: Tab. 2862 A (Triveneto).

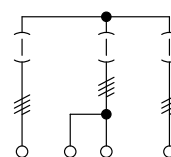
General characteristics:

- Main branch and isolation terminal, for copper cables from 16 to 95 mm², with three branches and three isolation nodes, ideal for Enel 2862 A type road column cabinets in low voltage underground networks.
- The Terminal block is mounted on a SMC provided with phase separating tabs. Each phase is marked with the letters R,S,T,N.
- The active parts of Terminal block are made of brass P Cu Zn 40 Pb 2 in accordance with regulations UNI EN 12165 CW 617 N machine stamped.
- Connection of each phase is made of nylon-coated electrolytic copper shunts, black for phases R,S,T and blue for the neutral one.
- The Terminal block is provided with 6 mm plugs for short circuiting and grounding, suitable for equipment as per Enel table 85XX HH (Triveneto).
- All phases and the neutral are predisposed to connect 16 to 95 mm² cables by means of buttress thread, hexagonal head brass screws. The central neutral and phase terminals have double connections.
- screws for jumpers and shunts are M8 in stainless-steel.

Accessory per Series:

- ARE/ST2 (pag. 128).
- ARE/ST3 (pag. 129).

CIRCUIT DIAGRAM



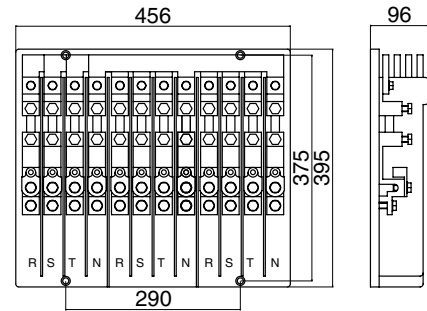
MST/S-C95

Main Branch and Isolation Terminal Series MST/S-D95

TERMINAL BLOCK da 4x95 mm²

Article code: **M645351K**

	Width (mm)	Height (mm)	Depth (mm)
Overall dimensions	456	395	96



Technical characteristics:

- SMC (Fibreglass) colour Grey RAL 7001.
- Fire resistance in accordance with Enel Specifications DS 4974: >80 Points.
- Superficial draught resistance in accordance with regulations IEC 60112 - PTI 500.
- Protection level in accordance with CEI EN 60529: IP 00.
- Max capacity 280 A.
- Reference to Enel Technical Specification: Tab. 2862 A Type 1 (Lombardy).

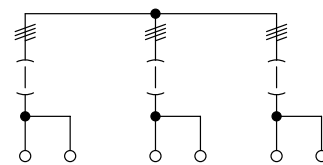
General characteristics:

- Main branch and isolation terminal for low voltage copper cables up to 95 mm² and aluminium up to 150 mm² for road column cabinets Enel Table 2862 A (Lombardy).
- The Terminal block is mounted on a SMC base provided with phase separating tabs. Each phase is marked with the letters R,S,T,N.
- The active parts of Terminal block are made of brass P Cu Zn 40 Pb 2 in accordance with regulations UNI EN 12165 CW 617 N machine stamped.
- Connection among phases is made of nylon-coated electrolytic copper shunts, black for phases R,S,T and blue for the neutral one. The neutral terminals are marked blue.
- The Terminal block comes with a terminal for short circuiting and grounding as per Enel Table UE EA 0127.
- With double connections and ring terminals as per Enel Table 2101 A and 2759 B.
- All screws are in stainless-steel with hexagonal head, specifically: M12 for wires, M10 for jumpers and M8 for shunt connections.

Accessory per Series:

- ARE/ST2 (pag. 128).
- ARE/ST3 (pag. 129).

CIRCUIT DIAGRAM



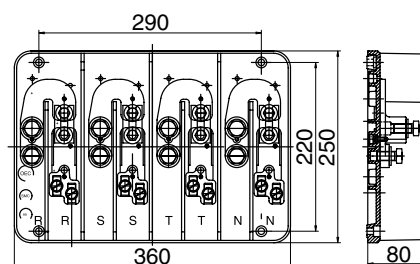
MST/S-D95

Main Branch and Isolation Terminal Series MST/S-A150

TERMINAL BLOCK da 4x150 mm²

Article code: **MH3VIE1M**

	Width (mm)	Height (mm)	Depth (mm)
Overall dimensions	456	395	96



Technical characteristics:

- SMC (Fibreglass) colour Grey RAL 7001.
- Fire resistance in accordance with Enel Specifications DS 4974: >80 Points.
- Superficial draught resistance in accordance with regulations IEC 60112 - PTI 500.
- Protection level in accordance with CEI EN 60529: IP 00.
- Max capacity 350 A.
- Reference to Enel Technical Specification: Tab. 2862 A Type 2 (Lombardy).

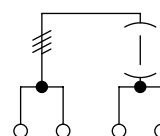
General characteristics:

- Main branch and isolation terminal for low voltage copper cables up to 150 mm² for road column enclosures as per Enel Table 2862 A Lombardy.
- The Terminal block is mounted on a SMC base provided with phase separating tabs. Each phase is marked with the letters R,S,T, and N for neutral.
- The active parts of Terminal block are made of brass P Cu Zn 40 Pb 2 in accordance with regulations UNI EN 12165 CW 617 N machine stamped.
- Connection among phases is made of nylon-coated electrolytic copper bars, black for phases R,S,T and blue for the neutral one. The neutral terminals are marked blue.
- The Terminal block comes with a terminal for short circuiting and grounding as per Enel Table UE EA 0127.
- With double connection and ring terminals as per Enel Table 2101 A and 2759 B.
- All screws are in stainless-steel with hexagonal head, specifically: M12 for wires, M10 for jumpers and M8 for shunt connection.

Accessory per Series:

- ARE/ST2 (pag. 128).
- ARE/ST3 (pag. 129).

CIRCUIT DIAGRAM



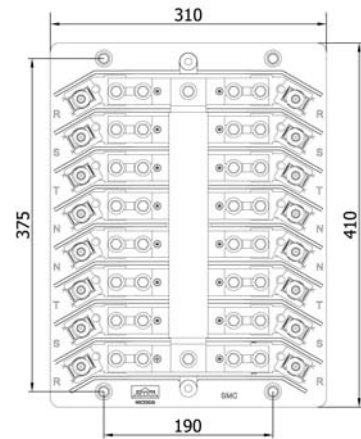
MST/S-A150

Main Branch and Isolation Terminal Series MST/S-B150

TERMINAL BLOCK da 4x150 mm²

Article code: **NOCE0026**

	Width (mm)	Height (mm)	Depth (mm)
Overall dimensions	310	410	73



Technical characteristics:

- SMC (Fibreglass) colour Red RAL 3020.
- Fire resistance in accordance with Enel Specifications DS 4974: >80 Points.
- Superficial draught resistance in accordance with regulations IEC 60112 - PTI 500.
- Protection level in accordance with CEI EN 60529: IP 00.
- Max capacity 318 A.
- Reference to Enel Technical Specification: Tab. DS 4533 (National) n . 286021.

General characteristics:

- Main branch and isolation terminal for four-way low voltage lines with aluminium cables up to 150 mm² and copper ones up to 95 mm², for road enclosures Enel DS 4522, 4523, 4974 e 4549.
- The Terminal block is mounted on a SMC base provided with phase separating tabs. Each phase is marked with the letters R,S,T, and N for neutral.
- The active parts of Terminal block are made of brass P Cu Zn 40 Pb 2 in accordance with regulations UNI EN 12165 CW 617 N and are machined.
- The terminals come with holes for the insertion of electrical gauge probes, neutral terminal are in blue.
- Terminal screws are brass M22 Allen head; leaf springs are interposed between these and the cable plates; all other M8 screws and washers are in stainless steel.
- The protection screen of the Terminal block is in transparent polycarbonate and self-extinguishing, mounted on the base with ridged bushings. Each phase is marked with letters R,S,T,N; there are also holes for the insertion of electrical gauge probes.
- A black and yellow high voltage danger symbol is located on the lower central part of the cover.

Accessory per Series:

- ARE/B (also compatible with base-mounted and stacked versions) (pag. 74).
- ARE/C (also compatible with base-mounted and stacked versions) (pag. 80).
- ARE/IN4 (pag. 119).
- ARE/ST1 (pag. 127).
- ARE/ST2 (pag. 128).
- ARE/ST3 (pag. 129).





OEC

Product Catalogue