

EL[®]MARK

The Brand of Electricity

ISOLATED CABLE TERMINALS



Description:

They represent a cable terminal made of brass alloy with galvanic tin coating and insulated with polyvinylchloride. They are used as non-insulated terminals, as the insulated part protects the cores from bending and breaking in the joining point and at the same time it protects the staff from direct contact to the current - carrying parts. They are used for conductors with section up to 6 mm. The connection is realized through crimping pliers, through mechanic pressing of the terminal and cable. The different insulation colour corresponds to different conductor sections. They are manufactured under modern technology and have high quality and long exploitation period.

Functions:

- Connecting of multicore conductors without welding
- Mounting of multicore conductors in terminals and of switches, thermoregulators, circuit breakers and other electrical devices

Advantages:

- The insulation of the terminals protects from direct contact with conductive parts and adjoining connections
- Easy and quick mounting- by mechanical pressing using crimping pliers via mechanical pressing of the terminal and the cable.
- High quality and reliability
- Wide range of application
- Variety of options of terminals, as for each type, it is necessary to select the suitable pliers for pressing

Applications:

- General for joining copper conductors
- Mechanical engineering
- Electricity distribution networks
- Automotive industry

TECHNICAL SPECIFICATION

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Technical data:

- Material: copper alloy
- Coating: polyvinylchloride
- Ambient temperature: -10 to +75°C

Variants:

ISOLATED CABLE TERMINALS - MDD/FDD TYPES



Type	Shape	Colour	Conductor (mm ²)	Shoe width	Packing (pcs.)	Packing / Box (pcs.)	Catalogue number
MDD 1.25 - 187	male	red	0.5-1.0	187	100	10 / 240	59012
MDD 1.25 - 250	male	red	0.5-1.0	250	100	10 / 240	59009
MDD 2 - 187	male	blue	1.5-2.5	187	100	10 / 240	59013
MDD 2 - 250	male	blue	1.5-2.5	250	100	10 / 180	59011
MDD 5.5 - 250	male	yellow	4.0-6.0	250	100	10 / 120	59010
FDD 1.25 - 187	female	red	0.5-1.0	187	100	20 / 240	59008
FDD 1.25 - 187	female	red	0.5-1.0	250	100	15 / 180	59006
FDD 2 - 187	female	blue	1.5-2.5	187	100	20 / 240	59007
FDD 2 - 250	female	blue	1.5-2.5	250	100	10 / 180	59004
FDD 5.5 - 250	female	yellow	4.0-6.0	250	100	10 / 120	59005

ISOLATED CABLE TERMINALS - E TYPE



Type	Colour	Terminal length (mm)	Conductor (mm ²)	Packing (pcs.)	Packing / Box (pcs.)	Catalogue number
E0508	white	8	0.5	100	50 / 600	59023
E7508	blue	8	0.75	100	50 / 600	59024
E1008	red	8	1.0	100	50 / 600	59025

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E1510	black	10	1.5	100	30 / 360	59026
E2512	grey	12	2.5	100	30 / 300	59027
E4012	orange	12	4.0	100	20 / 240	59028
E6018	green	18	6.0	100	5 / 120	59029
E10-18	dark green	18	10	100	8 / 96	59030
E16-18	milky yellow	18	16	100	6 / 60	59031
E25-16	black	25	25	100	5 / 36	59032
E35-25	grey-yellow	25	35	100	2 / 24	59033

■ TWIN ISOLATED CABLE TERMINALS- TE TYPE



Type	Colour	Terminal length (mm)	Conductor (mm ²)	Packing (pcs.)	Packing / Box (pcs.)	Catalogue number
TE0508	white	8	2x0.5	100	50 / 600	59023TE
TE7508	blue	8	2x0.75	100	50 / 600	59024TE
TE1008	red	8	2x1.0	100	50 / 600	59025TE
TE1508	black	8	2x1.5	100	30 / 360	59026TE
TE2510	grey	10	2x2.5	100	30 / 300	59027TE
TE4010	orange	10	2x4.0	100	20 / 240	59028TE
TE6014	green	14	2x6.0	100	5 / 120	59029TE
TE10-14	dark green	14	2x10.0	100	8 / 96	59030TE
TE16-14	milky yellow	14	2x16.0	100	6 / 60	59031TE

■ ISOLATED CABLE TERMINALS - PTV TYPE



Type	Shape	Colour	Conductor (mm ²)	Shoe width	Packing (pcs.)	Packing / Box (pcs.)	Catalogue number
PTV 1.25 - 10	male	red	0.25-1.0	1.9	100	20 / 240	59101
PTV 1.25 - 12	male	red	0.25-1.0	1.9	100	20 / 240	59102
PTV 2 - 10	male	blue	1.5-2.5	1.9	100	20 / 240	59103
PTV 2 - 12	male	blue	1.5-2.5	1.9	100	15 / 180	59104
PTV 5.5 - 13	male	yellow	4.0-6.0	2.9	100	8 / 96	59105

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■ ISOLATED CABLE TERMINALS - RVL TYPE



Type	Size of the opening (mm)	Colour	Conductor (mm ²)	Packing (pcs.)	Packing / Box (pcs.)	Catalogue number
RVL 1.25-4	4	red	0.5-1.0	100	20 / 240	59021
RVL 1.25-5	5	red	0.5-1.0	100	15 / 180	59022
RVL 2-4	4	blue	1.5-2.5	100	15 / 180	59018
RVL 2-5	5	blue	1.5-2.5	100	10 / 120	59019
RVL 5.5-4	4	yellow	4.0-6.0	100	8 / 96	59020
RV 5.5-5	5	yellow	4.0-6.0	100	8 / 96	59016
RV 5.5-6	6	yellow	4.0-6.0	100	8 / 96	59017

■ ISOLATED CABLE TERMINALS - PBDD TYPE



Type	Shape	Colour	Conductor (mm ²)	Shoe width	Packing (pcs.)	Packing / Box (pcs.)	Catalogue number
PBDD 1.25 - 250	male	red	0.25-1.0	6.3	100	5 / 60	59106
PBDD 2 - 250	male	blue	1.5-2.5	6.3	100	5 / 60	59107
PBDD 5.5 - 250	male	yellow	4.0-6.0	6.3	100	5 / 60	59108

■ ISOLATED CABLE TERMINALS - MPD TYPE



Type	Shape	Colour	Conductor (mm ²)	Shoe width	Packing (pcs.)	Packing / Box (pcs.)	Catalogue number
MPD 1.25 - 156	male	red	0.25-1.0	6.3	100	10 / 240	59109
MPD 2 - 195	male	blue	1.5-2.5	6.3	100	10 / 120	59110
MPD 5.5 - 195	male	yellow	4.0-6.0	6.3	100	10 / 120	59111

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- ISOLATED CABLE TERMINALS - MDFN/FDFNY



Type	Shape	Colour	Conductor (mm ²)	Shoe width	Packing (pcs.)	Packing / Box (pcs.)	Catalogue number
MDFN 1.0 - 250	male	red	0.25-1.0	4	100	5 / 60	59112
MDFN 2 - 250	male	blue	1.5-2.5	4	100	5 / 60	59113
MDFN 5 - 250	male	yellow	4.0-6.0	5	100	4 / 48	59114
FDFNY 1.0 - 250	female	red	0.25-1.0	4	100	10 / 60	59242
FDFNY 2 - 250	female	blue	1.5-2.5	4	100	10 / 60	59243
FDFNY 5 - 250	female	yellow	4.0-6.0	5	100	10 / 60	59244

Standards:

- EN 61238-1

