

## Mini jumper clamps fully insulated for switchboard use

These clamps are specially designed for use on energized parts in LV installations (switchboards, etc.) to make temporary connections when limited space is available. Models with jaws designed to axially grip conductors can be used on threaded bolts or shanks and nuts. The MC-142 model, whose size has been reduced to the strict minimum, is designed to be tightened with a nut wrench. All other models in this series tighten with T-handle screw. All clamps receive cable terminals with ISO 8 mm pitch threading as in the MC-153 series (described below). Current rating: 200 A.



Reference	Clamp capacity to main conductor	Orientation with respect	Size (mm)	Weight (kg)
<b>MC-141</b>	Six-sided 17-19 mm		71 x 150 x 24	0.26
<b>MC-142</b>	Round 6-10 flat 0-5 mm	Axial (at cable end) + transversal	58 x 38 x 33	0.130
<b>MC-142/1</b>	With handle. Round 6-10 flat 0-5 mm	Axial (at cable end) + transversal	58 x 38 x 33	0.140
<b>MC-143</b>	Flat bar, thickness 2-25 mm		67 x 145 x 26	0.230
<b>MC-144</b>	Round 8-12 square 9-10 mm	Axial (at cable end)	150 x 75 x 23	0.280
<b>MC-145</b>	16-75 mm <sup>2</sup>	Transversal	110 x 70 x 23	0.220
<b>MC-146</b>	38-240 mm <sup>2</sup>	Transversal	110 x 70 x 23	0.230
<b>MC-147</b>	Threaded rod M8		66 x 98 x 25	0.18
<b>MC-147/1</b>	Threaded rod M10		66 x 98 x 25	0.195
<b>MC-148</b>	Clamp with tapped revolving rod end M8, 200 A shunt. To be used with an insulated six-sided male hex key 5 mm.		66 x 80 x 25	0.175
<b>MC-148/1</b>	Clamp with tapped revolving rod end M8 for 10 to 50 mm cable		66 x 80 x 25	0.175
<b>MC-149</b>	Bar 20-30 mm width		56 x 165 x 58	0.486

## Jumper cables with threaded ferrules

To be used in conjunction with any of the clamps described above to make jumper equipment suit most any need both quickly and easily. Cable is IEC-60245 type, either 35 mm<sup>2</sup> current rating: 200 A or 50 mm<sup>2</sup> current rating: 250 A, depending on the models. Delivered with screwing ISO M8.

Section: 50 mm<sup>2</sup>Section: 35 mm<sup>2</sup>

<b>MC-153/05</b>	Length: 0.50 m - Weight: 0.270 kg
<b>MC-153/10</b>	Length: 1.00 m - Weight: 0.570 kg
<b>MC-153/30</b>	Length: 3.00 m - Weight: 1.720 kg
<b>MC-153/60</b>	Length: 6.00 m - Weight: 3.460 kg

<b>MC-155/05</b>	Length: 0.5 m - Weight: 0.380 kg
<b>MC-155/10</b>	Length: 1.00 m - Weight: 0.760 kg
<b>MC-155/20</b>	Length: 2.00 m - Weight: 1.520 kg
<b>MC-155/30</b>	Length: 3.00 m - Weight: 2.280 kg
<b>MC-155/60</b>	Length: 6.00 m - Weight: 4.560 kg
<b>MC-155/80</b>	Length: 8.00 m - Weight: 6.080 kg

Overhead lines systems

Consumer units system

Jumper cables

### Jumper cable with insulated jumper clamps



Reference		Size (mm)	Weight (g)
<b>MC-121</b>	Junction for shunt M8	Hexa. 22 L60	0.055
<b>MC-122</b>	Fuse holder for shunt	Ø 35 L125	0.130
<b>MC-123</b>	Fuse holder for shunt	Ø 35 L125	0.140
<b>MC-124</b>	Fuse holder for clamps	Ø 35 L125	0.140

### Threaded adapter

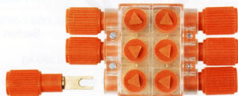
Cylindrical body diameter 10 mm to fits on panel network thread.  
Total length 50 mm.



<b>MC-181</b>	4 adapters for short-circuiting - M12 Weight: 0.05 kg
<b>MC-182</b>	4 adapters M8 Width: 50 x 10 mm - Weight: 0.027 kg
<b>MC-183</b>	4 adapters M12 Width: 50 x 17 mm - Weight: 0.048 kg

### Tap off box

The tap off box allows on each side to connect 3 by pass jumpers type MC-153/... is delivery equipped with six removable fittings type MC-156/1 and an insulating wrench. This item in conjunction with by pass jumpers allows to shunt a tap off box by means of a second tap off box. Current rating 200 A.



<b>MC-156</b>	40 x 80 x 158 mm
<b>MC-156/1</b>	Spare part
<b>MO-237-D</b>	Triangular spanner with T handle

### Jumper cable with insulated jumper clamps

2 clamps MC-120  
Spring tightening. Connector for 8 mm cable Ø.  
Tightening capacity: 12 mm (diameter - flat).  
Rated insulation: 1 500 V. Rating 5 (kA/1s).  
Continuous rating 75 A. 1 insulated cable 25 mm<sup>2</sup> section.



Reference	Cable length (m)	Weight (kg)
<b>MC-120/15</b>	1.50	0.850
<b>MC-120/50</b>	5.00	1.950
<b>MC-120/100</b>	10.00	4.000

### Shunt Telescopic probe

This probe is completely insulated through the end, and includes a retractable shroud containing a 10 mm diameter copper braided stem that connects to device terminals and network connector boards. The female screw socket allows attachment to shunt cables. Nominal current: up to 250 A.



<b>MC-126</b>	Connector with insulated probe 1.5 to 16 mm In 60 A - 65 x 185 x 29 - 0.130
<b>MC-126/1</b>	Connector with insulated probe 10 to 70 mm In 100 A - 65 x 185 x 29 - 0.166



<b>MC-150</b>	Ø 33 mm L 180 mm - Weight: 0.160 kg
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### Jumper connecting box with fuse

The shunt for collective channeling is a box used to make sure, before proceeding to the replacement of/removing a molten fuse situated on a channeling, that the defect which brought about the molten is eliminated. This box is used with a fuse when the (nominal) assigned intensity of the channeling is < 100 A and with 2 fuses when this intensity is included between 100 A and 200 A. It can also be used to open a circuit in load, for example to change a damaged accessory such as a pin.



<b>MC-116</b>	Shunt for collective channeling from 30 to 200 A
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