

The range of product is made up of three single-pole models MC 06, MC 16, MC 35 that allow insertion of wires with max sections respectively of 6 mm<sup>2</sup>, 16 mm<sup>2</sup>, 35 mm<sup>2</sup>. Models with the same section can be assembled in different configurations from two up to five poles. In three- and five-pole combination the result is a pyramidal structure that optimises

space utilization, especially in applications of resin and gel joints Break (see on page 139). It is also possible to create models with different sections.

### Materials

- Self-extinguishing transparent polycarbonate - insulating case
- Brass CW 614 N – conductive case
- Zinc – plated steel – dowels

### Technical specifications

- Operating temperature from -20 °C to +90 °C
- Rated insulation voltage: 500 V
- Rated current: 24 A (MC 06), 41 A (MC 16), 76 A (MC 35)
- Tightening torque dowels: 0,6 Nm (MC 06), 1,8 Nm (MC 16), 10 Nm (MC 35)
- Inflammability grade according to UL 94 V-2
- Flame and ignition resistance according to IEC 695-2-1
- Compliance with glow wire test 850 °C (EN 60695-2-11)

### Advantages

- Modular capacity from two up to five poles
- Fast and easy wiring
- Double insulation degree per joints connections
- Fast maintenance
- Re-enterable and reusable connection (needed mostly in joints)
- High protection degree
- Application flexibility
- Reduced space utilization with three- and five-pole pyramid structure

### Certification and regulations

- IEC/EN 60695-2-11
- EN 60998-1:2004
- EN 60998-2-1:2004
- RoHS 2011/65/CE



MC 06

MC 16

MC 35

MAH0006A24

MAH0016A24

MAH0035A24

### Technical data

In-line connection	max. wire section (mm <sup>2</sup> )	6	16	35	
Shunted connection	Feed through wire	min. section (mm <sup>2</sup> )	1,5	2,5	6
		max. section (mm <sup>2</sup> )	6	10	25
	Shunted wire	min. section (mm <sup>2</sup> )	1,5	2,5	6
		max. section (mm <sup>2</sup> )	1,5	4	10
Size (mm)	A	13,2	13,6	19,2	
	B	3,6	5,8	9,3	
	C	13,8	14,2	19,8	
	D	28	31	40	
Screw, hexagonal key		No. 1,5	No. 2	No. 4	
Weight (g)		7	10	34	
Package (pcs)		10	10	5	

Maximum number of terminals recommended to use inside of gel joints Break.

### Dimensions

	MC 06	MC 16	MC 35
Break 25	1	1	-
Break 30	3	3	2
Break 50	5	5	2
Break 50Y	5	5	3
Break 100	5	5	5

