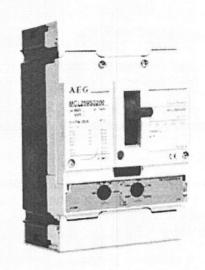
MCCB type MC9 160-250A

GENERALE

The MC169 and MC259 breakers have respectively 160A and 250A rated current, in the same size. They can be equipped with thermomagnetic or electronic protection relay, type Line protection, Generator, Magnetic motor protection, isolator. The electronic protection is a new generation of trip unit, with a very wide range of threshold (from 0,3 to 1 ln), and many functions like LS (Long time delay, Short time delay), LSI (with additional Istantaneus protection channel), LSIG (with Ground protection channel).

On the front of the trip unit, there is a micro USB port where it is possible to connect a PC and supply the unit to check the tripping functions.

All the electronic type breakers have the possibility to adjust the Neutral protection as 0%, 50%, 100% of the rated current.



TABELLA

Thermal setting (In) (A)

Rated insulation voltage Ui (Volts)

Rated operational voltage Ue AC/DC

Ultimate breaking capacity Icu @400/415V AC(kA)

Category of use

Non automatic breaker (Switch)

Weights

Dimensions (w x h x d) mm

Endurance CO operations Mechanical/Electrical at In

25-250

750

690/500

S=50, H=80, X=150,

Α

160A, 250A

1,6kg 3P; 2,1Kg 4P

3P=105 x 170 x 95 4P=140 x 170 x 95;

160A= 40000/10000; 250A=25000/20000;

Mounting

Fixed, Plug in Approval / Marking

EN60947-2

MCCB type MC9 400-630A

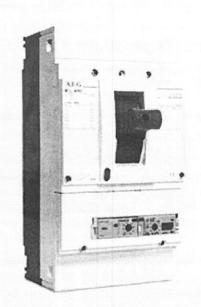
GENERALE

The MC409 and MC639 breakers have respectively 400A and 630A rated current, in the same size. They can be equipped with two type of electronic protection trip unit: the standard type and the SMR2 type.

The standard electronic protection is a new generation of trip unit, with a very wide range of threshold (from 0,3 to 1 In), and many functions like LS (Long time delay, Short time delay), LSI (with additional Istantaneus protection channel), LSIG (with Ground protection channel).

On the front of the trip unit, there is a micro USB port where it is possible to connect a PC and supply the unit to check the tripping functions. All the standard electronic type breakers have the possibility to adjust the Neutral protection as 0%, 50%, 100% of the rated current.

The SMR2 trip unit is used when it is necessary to adjust the time delay of the protection. It has also many additional modules to increase communication or protections.



TABELLA

Thermal setting (In) (A)

Rated insulation voltage AC (Un)

Rated operational voltage Ue (Volts)

Ultimate breaking capacity Icu @400/415V AC(kA)

Category of use

Non automatic breaker (Switch)

Weights

Dimensions (w x h x d) mm

Endurance CO operations Mechanical/Electrical at In

99-630

750

AC: 690

S=50, H=80, X=150,

B (350A and 500A executions only)

400, 630A

4,5kg 3P; 6Kg 4P

 $3P=140 \times 265 \times 115$; $4P=185 \times 265 \times 115$;

160A= 40000/10000; 250A=25000/20000;

Mounting

Fixed, Plug in, Draw out Approval / Marking