

function

The NG125LMA circuit-breakers are designed to protect motor supply circuits (cables and starters) against short-circuit currents.

As a rule they must be completed by overload protection by means of a Telemecanique thermal relay (see coordination table).

description

common technical data

- trip units: 4...80 A
- reference temperature: 40 °C
- Uimp: 8 kV
- Ui: 690 V
- maximum voltage rating: 500 V AC
- breaking capacity: as in IEC 947.2

type	voltage (V) AC	breaking capacity (A)
2, 3P	380...415	50000

- isolation with positive break indication
- 3-position toggle: open-tripped-closed
- built-in padlocking facility on 3P
- fault display on front face by:
 - fault indicator
 - position of toggle: tripped
- test button to check proper operation of the tripping mechanism
- fast closing

- electrical durability: 10 000 cycles at In
- tropicalisation as in IEC 68.1: treatment 2 (relative humidity: 95 % at 55 °C)
- weight (g):

type	2P	3P
	480	720

- compatible with Pragma F24 and Prisma G/GX enclosures and Prisma P cabinets
- degree of protection: IP20B (IP40D for the part outside the enclosure)
- connection:
 - trip units up to MA63: tunnel terminals for 1.5 to 50 mm² copper cables
 - MA80 trip units: tunnel terminals for 16 to 70 mm² copper cables
 - on 3P, upstream voltage taps on each pole, by 6.35 mm Fast-on lugs, for auxiliary circuit supply.

MA curve

- the magnetic trip units operate at 12 In ± 20 %

catalogue numbers



18874

type	trip unit (A)	magn. I (A)	catalogue number	width in mod. of 9 mm
2P				
	MA4	50	18868	6
	MA6.3	75	18869	6
	MA10	120	18870	6
	MA12.5	150	18871	6
	MA16	190	18872	6
	MA25	300	18873	6
	MA40	480	18874	6
	MA63	750	18875	6
	MA80	960	18876	6



18885

type	trip unit (A)	magn. I (A)	catalogue number	width in mod. of 9 mm
3P				
	MA4	50	18879	9
	MA6.3	75	18880	9
	MA10	120	18881	9
	MA12.5	150	18882	9
	MA16	190	18883	9
	MA25	300	18884	9
	MA40	480	18885	9
	MA63	750	18886	9
	MA80	960	18887	9

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