

C60LMA circuit-breakers

IEC 60947-2: 25 kA (≤ 25 A) and 20 kA (40 A)

functions

The C60LMA circuit-breakers are designed to protect motor supply circuits (cables and starters) against short-circuit currents.

As they are equipped only with magnetic trip units, they must be combined with suitable thermal protection.

description

technical data

- power circuit
- voltage rating: 440 V AC
- ratings: 1.6 to 40 A set at 40 °C
- breaking capacity as in IEC 60947-2, Icu ultimate breaking capacity (O-CO cycle)

type	rating (A)	voltage (V)	breaking capacity Icu (kA)
2P, 3P	1.6...25	230...240	50
		400...415	25
		415	6 (1)
		440	20
2P, 3P	40	230...240	40
		400...415	20
		415	5 (1)
		440	15

(1) 1 pole breaking capacity in the IT isolated neutral system (double fault)

- fast closing: allows increased withstand to the high inrush currents of some loads
- isolation with positive break indication: pole opening is indicated by a green strip on the breaker's operating handle. This indicator shows that all the poles are open.
- number of operating cycles (O-C): 20 000

■ earth leakage protection provided by the C60LMA + Vigi module combination:

MA release rating	Vigi module rating
1.6...10 A	≤ 25 A
12.5 and 16 A	≤ 40 A
25 and 40 A	≤ 63 A

■ environment:

- tropicalisation: treatment 2 (relative humidity: 95 % at 55 °C)

□ weight (g):

type	2P	3P
C60LMA	240	360

□ connection: tunnel terminals for:

- 16 mm² flexible or 25 mm² rigid cables up to a rating of 10 A
- 25 mm² flexible or 35 mm² rigid cables for ≥ 12.5 A ratings.

catalogue numbers



26353

type	release	I (A) magn.	max. motor rating (A)
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C60LMA

2P	MA	I (A)	max. motor rating (A)
	MA 1.6	20	1.6
	MA 2.5	30	2.5
	MA 4	50	4
	MA 6.3	75	6.3
	MA 10	120	10
	MA 12.5	150	12.5
	MA 16	190	16
	MA 25	300	25
	MA 40	480	40

catalogue number	width in mod. of 9 mm
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26345	4
26346	4
26347	4
26348	4
26349	4
26350	4
26352	4
26353	4
26355	4

3P	MA	I (A)	max. motor rating (A)
	MA 1.6	20	1.6
	MA 2.5	30	2.5
	MA 4	50	4
	MA 6.3	75	6.3
	MA 10	120	10
	MA 12.5	150	12.5
	MA 16	190	16
	MA 25	300	25
	MA 40	480	40

26357	6
26358	6
26359	6
26360	6
26361	6
26362	6
26368	6
26369	6
26370	6

additional information

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