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Find the *Schneider Electric / Merlin Gerin C60N 16A* at our website: *Click HERE*

C60N/H miniature circuit breakers
Multi 9 Merlin Gerin

The C60N circuit-breaker is a miniature circuit-breaker used for the protection of circuits in industry and the tertiary sector.
It ensures the following functions: protection against short-circuit and overload currents, isolation, protection of persons against indirect contact.



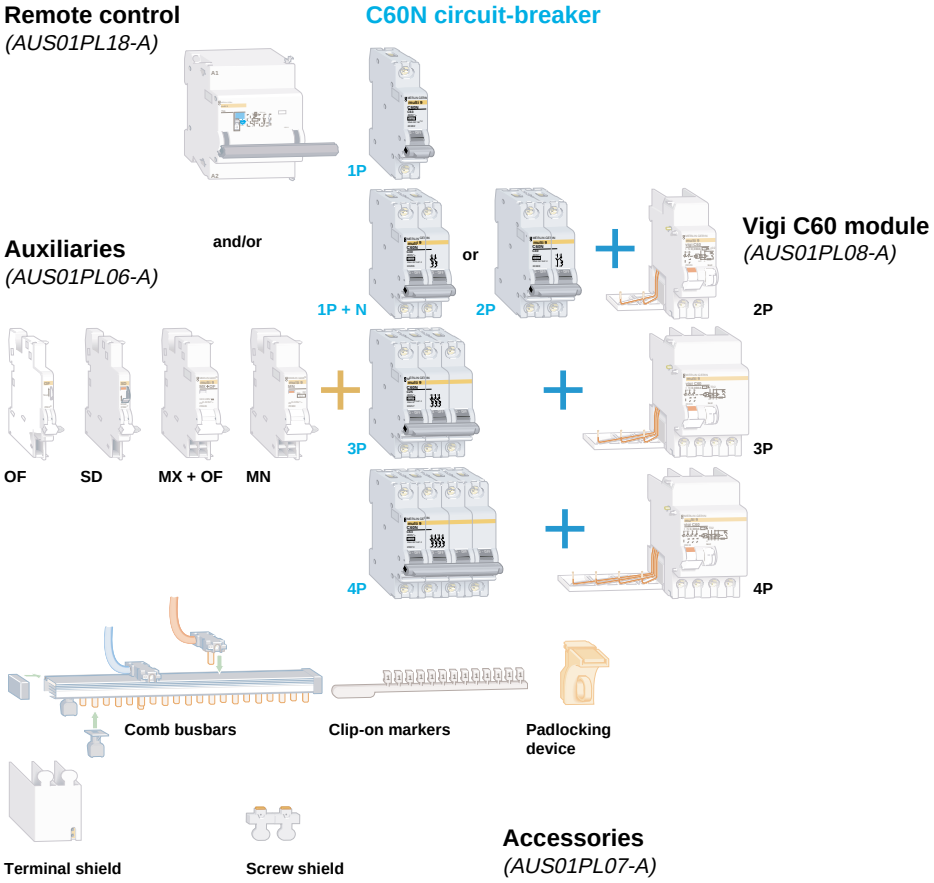
Operation

- 1 to 4-pole circuit-breakers.
- Control and protection:
  - B curve: against circuit overcurrents including protection of persons for longer cables than with C curve types,
  - C curve: against the overcurrents of circuits feeding conventional loads,
  - D curve: against the current of installations containing loads with high inrush currents (motors, transformers).

Advantages

- Conformity with national and international standards: AS/NZS 4898 (EN 60 898).
- Ratings from 1 to 63 A.
- Breaking capacity of 6 000/10 000 A under 240/415 V for C60N/H.
- Clip-on electrical auxiliaries and add-on accessories.

The range

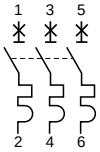


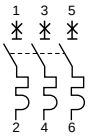
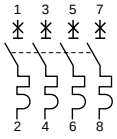
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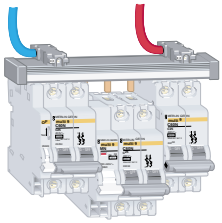
SELECTION TABLE

type	rating (A)	catalogue number
C curve C60N		
1P  Width in mod. of 9mm - 2	1	25797
	2	25798
	4	25800
	6	25801
	10	25802
	16	25803
	20	25804
	25	25805
	32	25806
	40	25807
	50	25808
	63	25809
2P  Width in mod. of 9mm - 4	1	25811
	2	25812
	4	25814
	6	25815
	10	25816
	16	25817
	20	25818
	25	25819
	32	25820
	40	25821
	50	25822
	63	25823
3P  Width in mod. of 9mm - 6	1	25825
	2	25826
	4	25828
	6	25829
	10	25830
	16	25831
	20	25832
	25	25833
	32	25834
	40	25835
	50	25836
	63	25837

type	rating (A)	B Curve	C Curve	D Curve
C60H				
1P  Width in mod. of 9mm - 2	1	25839	25639	25695
	2	25840	25640	25696
	4	25841	25642	25698
	6	25842	25643	25699
	10	25843	25644	25700
	16	25844	25645	25701
	20	25845	25646	25702
	25	25846	25647	25703
	32	25847	25648	25704
	40	25848	25649	25705
	50	25849	25651	25707
	63	25850	25652	25708
2P  Width in mod. of 9mm - 4	1	25852	25653	25709
	2	25853	25654	25710
	4	25854	25656	25712
	6	25855	25656	25713
	10	25856	25658	25714
	16	25857	25659	25715
	20	25858	25660	25716
	25	25859	25661	25717
	32	25860	25662	25718
	40	25861	25663	25719
	50	25862	25665	25721
	63	25863	25666	25722
3P  Width in mod. of 9mm - 6	1	25865	25667	25723
	2	25866	25668	25724
	4	25867	25670	25726
	6	25868	25671	25727
	10	25869	25672	25728
	16	25870	25673	25729
	20	25871	25674	25730
	25	25872	25675	25731
	32	25873	25676	25732
	40	25874	25677	25733
	50	25875	25679	25735
	63	25876	25680	25736
4P  Width in mod. of 9mm - 8	1	25878	25007	25211
	2	25879	25008	25212
	4	25880	25010	25214
	6	25881	25011	25215
	10	25882	25012	25216
	16	25883	25013	25217
	20	25884	25014	25218
	25	25885	25015	25219
	32	25886	25016	25220
	40	25887	25017	25221
	50	25888	25018	25222
	63	25889	25019	25223

IMPLEMENTATION

- Designed for installation in modular enclosures and switchboards.
- Easy mounting on symmetrical rail.
- Easy connection using serrated tunnel terminals with flap.
- Captive screws with mixed +/- indent.
- Simplified clip-on combination of circuit-breaker with auxiliaries.
- Use of comb busbars to simplify circuit-breaker connection.



TECHNICAL DATA

Electrical data

- Power circuit:
- voltage rating: 440 V AC,
- ratings from 0.5 to 63 A set at 30C (40C for D curve),
- breaking capacity:

C60N rating (A)	number of poles	voltage (VAC)	breaking capacity (A)
1 to 63	1P	230 to 240	6 000
	2P, 3P,	400 to 415	6 000

C60H rating (A)	number of poles	voltage (VAC)	breaking capacity (A)
1 to 63	1P	230 to 240	10 000
	2P, 3P, 4P	400 to 415	10 000

- limitation class (EN 60 898): 3,
- fast closing: increased withstand to the high inrush currents of certain loads,
- isolation with positive break indication: opening is indicated by a green strip on the device's control toggle.

This indicates that all poles are open.

Tripping curves:

- B curve:
- magnetic releases operate between 3 and 5 In.
- C curve:
- magnetic releases operate between 5 and 10 In.
- D curve:
  magnetic releases operate between 10 and 14 In.

Mechanical data

- Connection by tunnel terminals for the following cables:
- 16 mm^2 flexible or 25 mm^2 stranded for up to 25 A ratings,
- 25 mm^2 flexible or 35 mm^2 stranded for ≥32 A ratings.
- Durability: 20 000 cycles (O-C).
- Dimensions (w x h x d mm): 18 x N (number of poles) x 81 x 70.
- Weight (g): 1P: 120, 240, 2P: 240, 3P: 360, 4P: 480.

ENVIRONMENT

- Tropicalisation: treatment 2 (relative humidity: 95 % at 55C).
- Degree of protection:
- of enclosure: IP 40,
- of terminals: IP 20.
- Operating temperature:
- 5C to +60C.
- Storage temperature:
- 40C to +100C.

Approval No: N13634

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