

C60N Miniature circuit-breakers

B, C and D tripping curves

IEC 898: **6000**, IEC 947-2: 10kA



24395

type	width in mod. of 9 mm	rat (A)	Cat No. B curve	C curve	D curve
1P	2	1	24045	24395	24625
		2	24046	24396	24626
		3	24047	24397	24627
		4	24048	24398	24628
		6	24049	24399	24629
		10	24050	24401	24630
		16	24051	24403	24632
		20	24052	24404	24633
		25	24053	24405	24634
		32	24054	24406	24635
		40	24055	24407	24636
		50	24056	24408	24637
		63	24057	24409	24638

1 protected pole



24331

type	width in mod. of 9 mm	rat (A)	Cat No. B curve	C curve	D curve
2P	4	1	24071	24331	24653
		2	24072	24332	24654
		3	24073	24333	24655
		4	24074	24334	24656
		6	24075	24335	24657
		10	24076	24336	24658
		16	24077	24337	24660
		20	24078	24338	24661
		25	24079	24339	24662
		32	24080	24340	24663
		40	24081	24341	24664
		50	24082	24342	24665
		63	24083	24343	24666

2 protected poles



24344

type	width in mod. of 9 mm	rat (A)	Cat No. B curve	C curve	D curve
3P	6	1	24084	24344	24667
		2	24085	24345	24668
		3	24086	24346	24669
		4	24087	24347	24670
		6	24088	24348	24671
		10	24089	24349	24672
		16	24090	24350	24674
		20	24091	24351	24675
		25	24092	24352	24676
		32	24093	24353	24677
		40	24094	24354	24678
		50	24095	24355	24679
		63	24096	24356	24680

3 protected poles



24357

type	width in mod. of 9 mm	rat (A)	Cat No. B curve	C curve	D curve
4P	8	1	24097	24357	24681
		2	24098	24358	24682
		3	24099	24359	24683
		4	24100	24360	24684
		6	24101	24361	24685
		10	24102	24362	24686
		16	24103	24363	24688
		20	24104	24364	24689
		25	24105	24365	24690
		32	24106	24366	24691
		40	24107	24367	24692
		50	24108	24368	24693
		63	24109	24369	24694

3 protected poles

B, C and D curves

Application

control and protection of circuits against overloads and short-circuits.

- in domestic installation;
- in commercial and industrial electrical distribution systems;
- D curve: more particularly adapted for installations with high transient currents (LV/LV transformers, motors,...).

Technical data

- current rating: 1 to 63 A;
- voltage rating: 230-400 V AC;
- breaking capacity:

□ Icn ultimate breaking capacity (O-CO cycle):

rat. (A)	type	voltage (V)	breaking capacity (A)
to IEC 898			
1 to 63	1P	230-240	6000
	2, 3, 4P	400-415	6000

□ Ics = Icn = 6 kA,

□ Icn ultimate breaking capacity (O-CO cycle):

rat. (A)	type	voltage (V)	breaking capacity (A)
to IEC 947-2			
1 to 63	1P	130	20000
		230-240	10000
		400-415	3000
	2, 3, 4P	230-240	20000
		400-415	10000
		440	6000

- fast closing contacts;
- number of operating cycles (O-C): 20000;
- tripping characteristics:
- B curve: the magnetic releases operate between 3 and 5 In;
- C curve: the magnetic releases operate between 5 and 10 In;
- D curve: the magnetic releases operate between 10 and 14 In;
- impulse withstand voltage (U imp.): 6 kV;
- tropicalization: treatment 2 (relative humidity 95% at 55°C);

■ weight (g):

type	1P	2P	3P	4P
	110	220	340	450

■ connections: tunnel terminals for rigid cables up to:

- 25 mm² for rating ≤ 25 A,
- 35 mm² for rating 32 to 63 A;

■ approvals: Marine, (consult us)

■ installation: in all enclosures designed for Multi 9 equipment.

additional information

electrical auxiliaries: page 21
dimensions: page 31