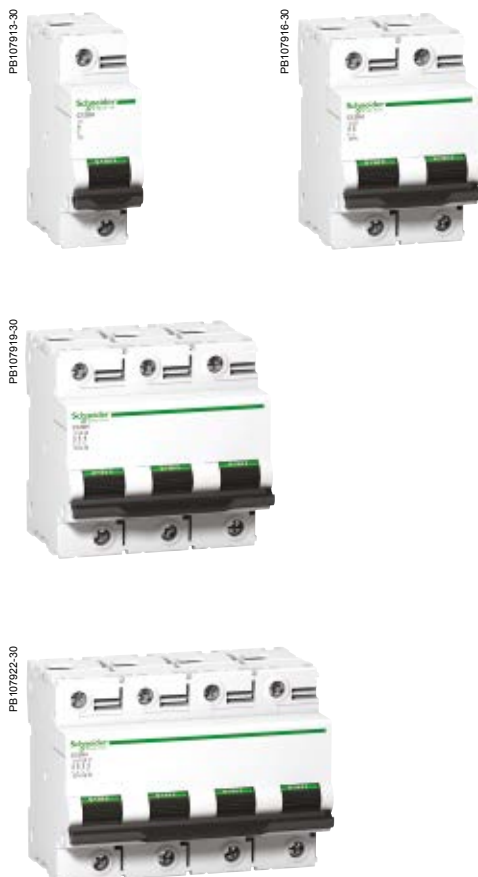


C120H circuit breakers (curves C, D)



IEC/EN 60898-1

C120H circuit breakers are multistandard circuit breakers that combine the following functions:

- circuit protection against short-circuit currents
- circuit protection against overload currents
- suitability for isolation in the industrial sector to IEC/EN 60947-2
- fault tripping and indication by adding auxiliaries.

Alternating current (AC) 50/60 Hz

Breaking capacity (Icu) to IEC/EN 60947-2					Service breaking capacity (Ics)
Type	Voltage (V)				
1P	12 to 130 V	220 to 240 V	380 to 415 V	440 V	50 % of Icu
Rating (In) 80 to 125 A	30 kA	15 kA	4,5 kA ⁽¹⁾	-	
2P, 3P, 4P	12 to 130 V	220 to 240 V	380 to 415 V	440 V	50 % of Icu
80 to 125 A	-	30 kA	15 kA	10 kA	

Breaking capacity (Icn) to IEC/EN 60898-1

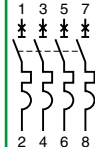
Type	Voltage (V)	Service breaking capacity (Ics)
1P, 2P, 3P, 4P	230 to 400 V	
Rating (In) 80 to 125 A	15000 A	50 % of Icn

(1) One-pole breaking capacity in IT isolated neutral system (double fault).

Direct current (DC)

Breaking capacity (Icu) according to IEC/EN 60947-2					Service breaking capacity (Ics)	
	Voltage (Ue)					
Between +/-	12 to 125 V	≤ 144 V	≤ 250 V	≤ 375 V		≤ 500 V
Number of poles	1P		2P	3P		4P
Rating (In) 80 to 125 A	20 kA	15 kA	15 kA	15 kA	15 kA	100 % of Icu

Catalogue numbers

C120H circuit breaker								
Type	1P		2P		3P		4P	
	EZ7069 1  2		EZ7070 1 3  2 4		EZ7071 1 3 5  2 4 6		EZ7072 1 3 5 7  2 4 6 8	
Auxiliaries	See page 41							
Vigi C120	See page 36							
Rating (In)	Curve		Curve		Curve		Curve	
	C	D	C	D	C	D	C	D
80 A	A9N18446	A9N18490	A9N18457	A9N18501	A9N18468	A9N18512	A9N18479	A9N18523
100 A	A9N18447	A9N18491	A9N18458	A9N18502	A9N18469	A9N18513	A9N18480	A9N18524
125 A	A9N18448	A9N18492	A9N18459	A9N18503	A9N18470	A9N18514	A9N18481	A9N18525
Width in 9 mm modules	3		6		9		12	
Accessories	See page 100							