

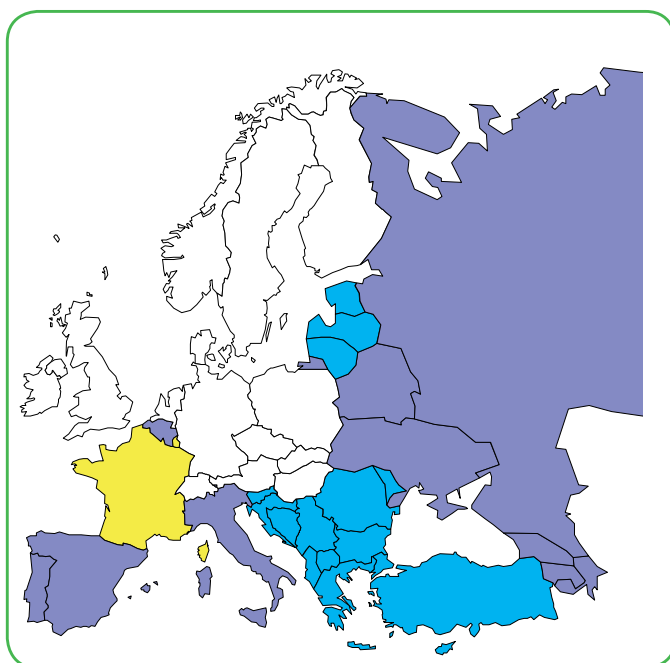


Schneider Electric's range of circuit breakers consists of different products (A, B, C) to enable it to be the most competitive range possible in each country, allowing for the special characteristics of each market:

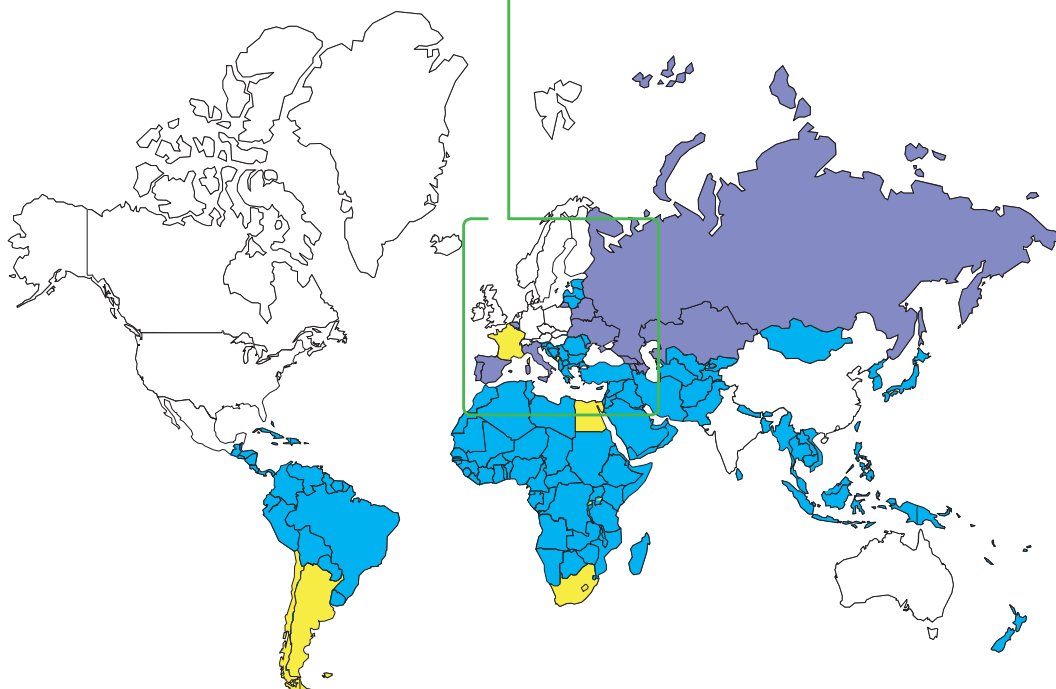
- usual installation procedure
- price
- accreditations by local bodies.

Variants

Offers		Pages
Offer A	Catalogue numbers	2
Offer B	Catalogue numbers	4
Offer C	Catalogue numbers	6
Common pages		8



Only the product range to be marketed in your country and validated by the local product manager, in agreement with his Final Distribution (FD) partner should be retained. The others will be removed before publication.



iC60H circuit breakers (curve B, C, D)



Country approval pictograms



IEC/EN 60947-2 IEC/EN 60898-1

- iC60H circuit breakers are multi-standard circuit breakers which combine the following functions:
 - circuit protection against short-circuit currents,
 - circuit protection against overload currents,
 - suitable for industrial isolation according to IEC/EN 60947-2, standard.
 - fault tripping indication by a red mechanical indicator in circuit breaker front face.

Alternating current (AC) 50/60 Hz

Breaking capacity (Icu) according to IEC/EN 60947-2

		Voltage (Ue)				breaking capacity (Ics)
Ph/Ph (2P, 3P, 4P)		12 to 133 V	220 to 240 V	380 to 415 V	440 V	
Ph/N (1P, 1P+N)		12 to 60 V	100 to 133 V	220 to 240 V	-	
Rating (In)	0.5 to 4 A	70 kA	70 kA	70 kA	50 kA	100 % of Icu
	6 to 63A	42 kA	30 kA	15 kA	10 kA	50 % of Icu

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

	Voltage (Ue)
Ph/Ph	400 V
Ph/N	230 V
Rating (In)	0.5 to 63 A
	10000 A

Direct current (DC)

Breaking capacity (Icu) according to IEC/EN 60947-2

	Voltage (Ue)					breaking capacity (Ics)
Between +/-	12 to 60 V	≤ 72 V	≤ 125 V	≤ 180 V	≤ 250 V	
Number of poles	1P		2P	3P	4P	
Rating (In) 0.5 to 63 A	20 kA	15 kA	15 kA	15 kA	15 kA	100 % of Icu

Catalogue numbers

iC60H circuit breaker

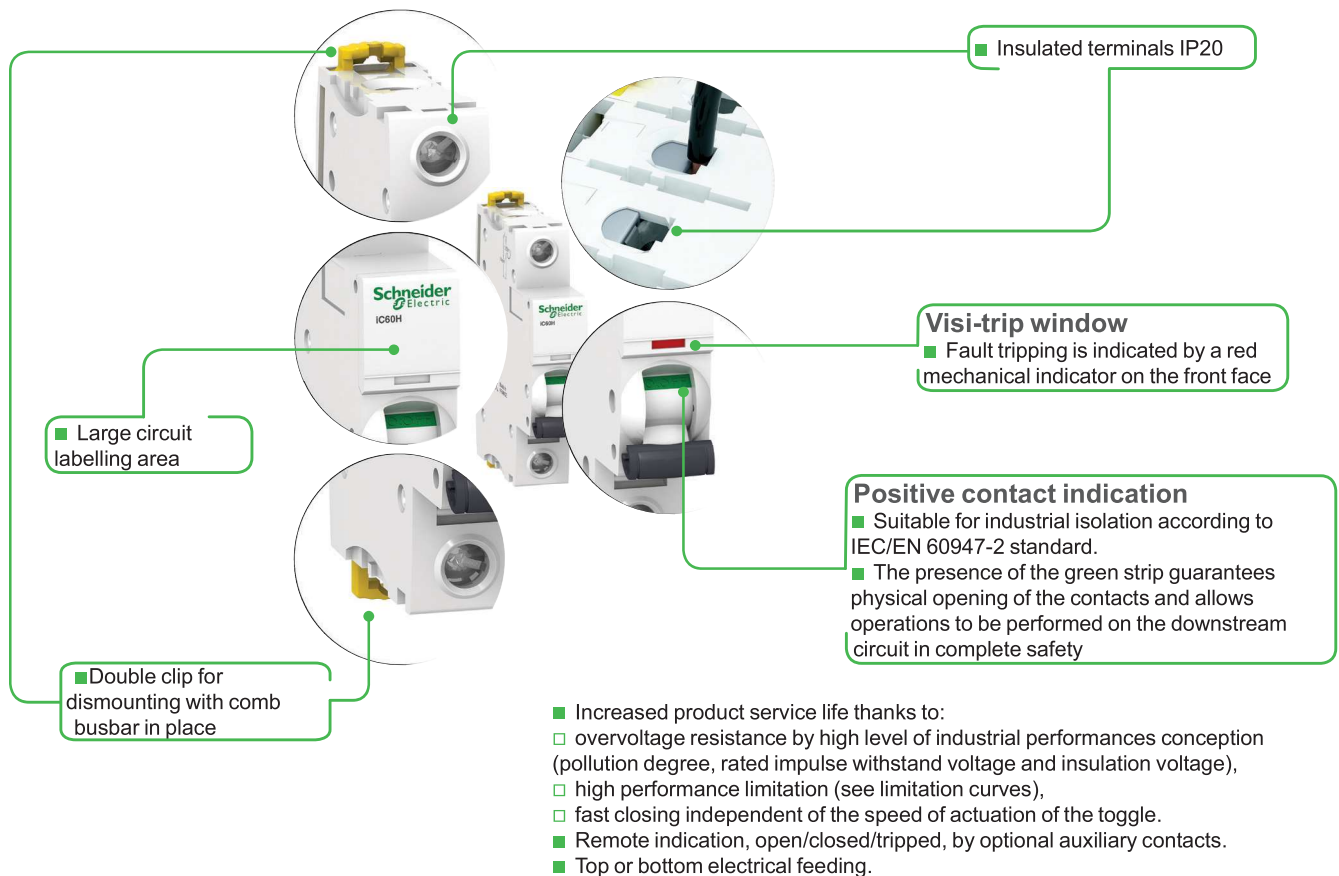
Type	1P			1P+N		
Auxiliaries	Remote tripping and indication, module CA907000 and CA907002			Remote tripping and indication, module CA907000 and CA907002		
Vigi iC60	Vigi iC60 add-on residual current device, module CA902005			Vigi iC60 add-on residual current device, module CA902005		
Rating (In)	Curve			Curve		
	B	C	D	B	C	D
0.5 A	A9F83170	A9F84170	A9F85170	A9F83670	A9F84670	A9F85670
1 A	A9F83101	A9F84101	A9F85101	A9F83601	A9F84601	A9F85601
2 A	A9F83102	A9F84102	A9F85102	A9F83602	A9F84602	A9F85602
3 A	A9F83103	A9F84103	A9F85103	A9F83603	A9F84603	A9F85603
4 A	A9F83104	A9F84104	A9F85104	A9F83604	A9F84604	A9F85604
6 A	A9F83106	A9F84106	A9F85106	A9F83606	A9F84606	A9F85606
10 A	A9F83110	A9F84110	A9F85110	A9F83610	A9F84610	A9F85610
13 A	A9F83113	A9F84113	A9F85113	A9F83613	A9F84613	A9F85613
16 A	A9F83116	A9F84116	A9F85116	A9F83616	A9F84616	A9F85616
20 A	A9F83120	A9F84120	A9F85120	A9F83620	A9F84620	A9F85620
25 A	A9F83125	A9F84125	A9F85125	A9F83625	A9F84625	A9F85625
32 A	A9F83132	A9F84132	A9F85132	A9F83632	A9F84632	A9F85632
40 A	A9F83140	A9F84140	A9F85140	A9F83640	A9F84640	A9F85640
50 A	A9F83150	A9F84150	A9F85150	A9F83650	A9F84650	A9F85650
63 A	A9F83163	A9F84163	A9F85163	A9F83663	A9F84663	A9F85663
Width in 9-mm modules	2			4		
Accessories	Module CA907000 and CA907001			Module CA907000 and CA907001		

Protection

Circuit protection

iC60H circuit breakers (curve B, C, D) (cont.)

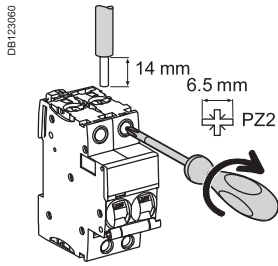
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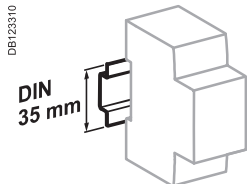
2P				3P				4P			
Remote tripping and indication, module CA907000 and CA907002				Remote tripping and indication, module CA907000 and CA907002				Remote tripping and indication, module CA907000 and CA907002			
Vigi iC60 add-on residual current device, module CA902005				Vigi iC60 add-on residual current device, module CA902005				Vigi iC60 add-on residual current device, module CA902005			
Curve				Curve				Curve			
B		C	D	B		C	D	B		C	D
A9F83270	A9F84270	A9F85270		A9F83370	A9F84370	A9F85370		A9F83470	A9F84470	A9F85470	
A9F83201	A9F84201	A9F85201		A9F83301	A9F84301	A9F85301		A9F83401	A9F84401	A9F85401	
A9F83202	A9F84202	A9F85202		A9F83302	A9F84302	A9F85302		A9F83402	A9F84402	A9F85402	
A9F83203	A9F84203	A9F85203		A9F83303	A9F84303	A9F85303		A9F83403	A9F84403	A9F85403	
A9F83204	A9F84204	A9F85204		A9F83304	A9F84304	A9F85304		A9F83404	A9F84404	A9F85404	
A9F83206	A9F84206	A9F85206		A9F83306	A9F84306	A9F85306		A9F83406	A9F84406	A9F85406	
A9F83210	A9F84210	A9F85210		A9F83310	A9F84310	A9F85310		A9F83410	A9F84410	A9F85410	
A9F83213	A9F84213	A9F85213		A9F83313	A9F84313	A9F85313		A9F83413	A9F84413	A9F85413	
A9F83216	A9F84216	A9F85216		A9F83316	A9F84316	A9F85316		A9F83416	A9F84416	A9F85416	
A9F83220	A9F84220	A9F85220		A9F83320	A9F84320	A9F85320		A9F83420	A9F84420	A9F85420	
A9F83225	A9F84225	A9F85225		A9F83325	A9F84325	A9F85325		A9F83425	A9F84425	A9F85425	
A9F83232	A9F84232	A9F85232		A9F83332	A9F84332	A9F85332		A9F83432	A9F84432	A9F85432	
A9F83240	A9F84240	A9F85240		A9F83340	A9F84340	A9F85340		A9F83440	A9F84440	A9F85440	
A9F83250	A9F84250	A9F85250		A9F83350	A9F84350	A9F85350		A9F83450	A9F84450	A9F85450	
A9F83263	A9F84263	A9F85263		A9F83363	A9F84363	A9F85363		A9F83463	A9F84463	A9F85463	
4				6				8			
Module CA907000 and CA907001				Module CA907000 and CA907001				Module CA907000 and CA907001			

iC60H circuit breakers (curve B, C, D) (cont.)

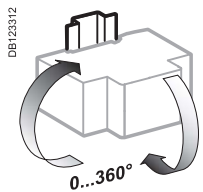
Connection



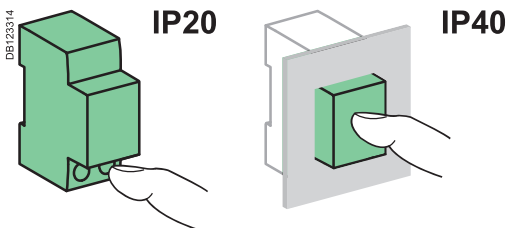
Rating	Tightening torque	Without accessory		With accessories			
		Copper cables		50 mm ² Al terminal	Screw-on connection for ring terminal	Multi-cables terminal	
		Rigid	Flexible or with ferrule			Rigid cables	Flexible cables
0.5 to 25 A	2 N.m	DB122945	DB122946	DB122935	DB118789	DB118787	
32 to 63 A	3.5 N.m	1 to 25 mm ²	1 to 16 mm ²	-	Ø 5 mm	-	-
		1 to 35 mm ²	1 to 25 mm ²	50 mm ²		3 x 16 mm ²	3 x 10 mm ²



Clip on DIN rail 35 mm.



Indifferent position of installation.



Technical data

Main characteristics

According to IEC/EN 60947-2

Insulation voltage (Ui)	500 V AC
Pollution degree	3
Rated impulse withstand voltage (Uimp)	6 kV
Thermal tripping	Reference temperature
	Temperature derating
Magnetic tripping	B curve
	C curve
	D curve
Utilization category	A

According to IEC/EN 60898-1

Limitation class	3
Rated making and breaking capacity of an individual pole (Icn1)	Icn1 = Icn

Additional characteristics

Breaking capacity under 1 pole with IT 380-415 V isolated neutral system (case of double fault)	40 A	4 kA
	50/63 A	3 kA
Degree of protection (IEC 60529)	Device only	IP20
	Device in modular enclosure	IP40
Endurance (O-C)	Electrical	10,000 cycles
	Mechanical	20,000 cycles
Overvoltage category (IEC 60364)		IV
Operating temperature		-35°C to +70°C
Storage temperature		-40°C to +85°C
Tropicalization (IEC 60068-1)		Treatment 2 (relative humidity 95 % to 55°C)

Weight (g)

Circuit-breaker	
Type	iC60H
1P	125
2P	250
3P	375
4P	500

Dimensions (mm)

