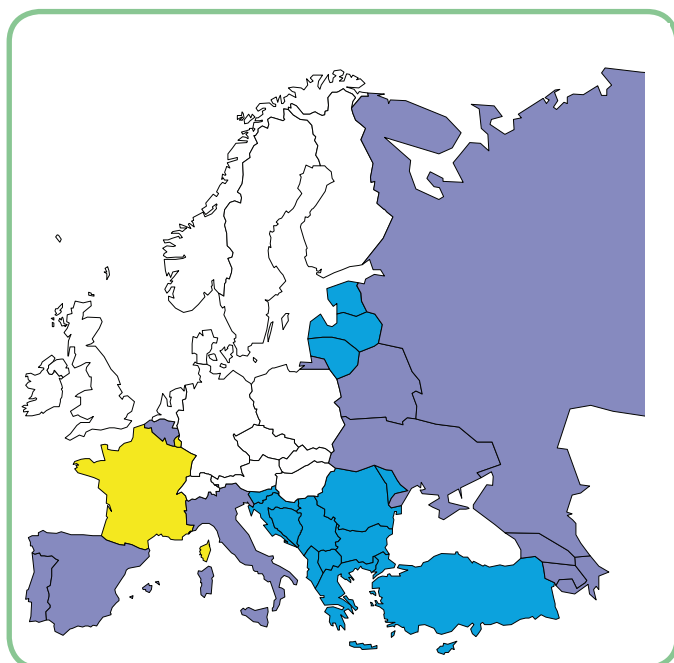


Schneider Electric's range of circuit breakers consists of different products (A, B, C) to enable it to be the most competitive range possible in each country, allowing for the special characteristics of each market:

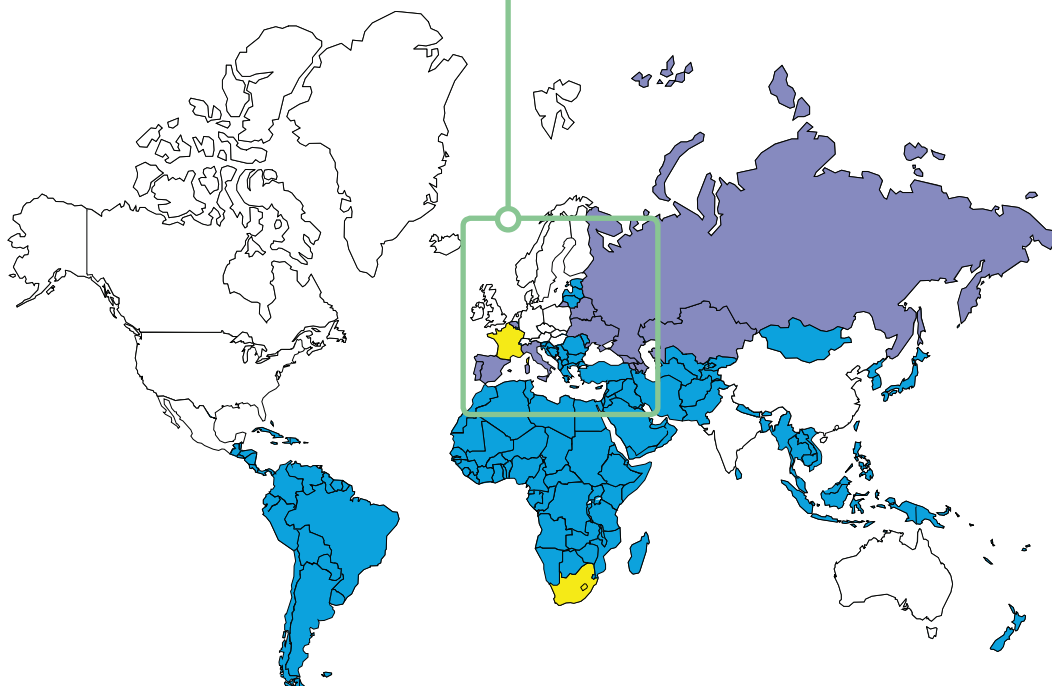
- usual installation procedure
- price
- accreditations by local bodies.

Variants

Offers		Pages
Offer A	Catalogue numbers	2 to 3
Offer B	Catalogue numbers	4 to 5
Offer C	Catalogue numbers	6 to 7
Common pages		8 to 9



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)

DB106604



DB123398



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)				Service breaking capacity (Ics)
	12 to 133 V	220 to 240 V	380 to 415 V	440 V	
Ph/Ph (2P, 3P, 4P)	12 to 60 V	100 to 133 V	220 to 240 V	-	
Ph/N (1P, 1P+N)	70 kA	70 kA	70 kA	50 kA	100 % of Icu
Rating (In) 0.5 to 4 A	42 kA	30 kA	15 kA	10 kA	50 % of Icu
6 to 40 A	42 kA	-	15 kA	10 kA	50 % of Icu
50/63 A	42 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)				Service breaking capacity (Ics)
	12 to 72 V	100 to 133 V	220 to 250 V		
Between +/-	12 to 72 V	100 to 133 V	220 to 250 V		
Number of poles	1P	2P (in series)	3P (in series)	4P (in series)	
Rating (In) 0.5 to 63 A	10 kA	10 kA	10 kA	10 kA	100 % of Icu

Catalogue numbers

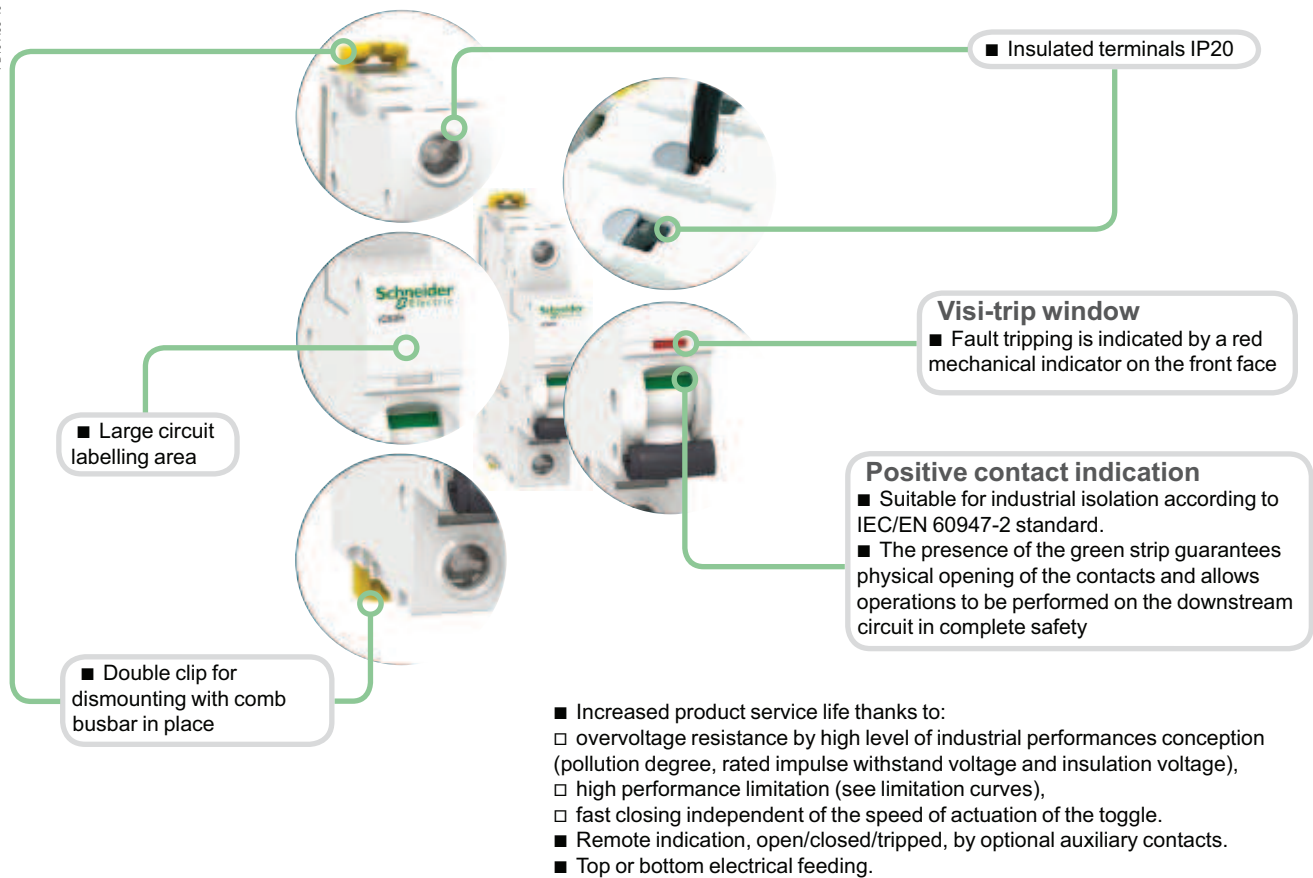
iC60H circuit breaker

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 ⁽¹⁾	B	C	D ⁽¹⁾
0.5 A ⁽¹⁾	A9F83170	A9F84170	A9F85170	A9F83670	A9F84670	A9F85670
1 A ⁽¹⁾	A9F83101	A9F84101	A9F85101	A9F83601	A9F84601	A9F85601
2 A ⁽¹⁾	A9F83102	A9F84102	A9F85102	A9F83602	A9F84602	A9F85602
3 A ⁽¹⁾	A9F83103	A9F84103	A9F85103	A9F83603	A9F84603	A9F85603
4 A ⁽¹⁾	A9F83104	A9F84104	A9F85104	A9F83604	A9F84604	A9F85604
6 A	A9F86106	A9F87106	A9F85106	A9F86606	A9F87606	A9F85606
10 A	A9F86110	A9F87110	A9F85110	A9F86610	A9F87610	A9F85610
13 A ⁽¹⁾	A9F83113	A9F84113	A9F85113	A9F83613	A9F84613	A9F85613
16 A	A9F86116	A9F87116	A9F85116	A9F86616	A9F87616	A9F85616
20 A	A9F86120	A9F87120	A9F85120	A9F86620	A9F87620	A9F85620
25 A	A9F86125	A9F87125	A9F85125	A9F86625	A9F87625	A9F85625
32 A	A9F86132	A9F87132	A9F85132	A9F86632	A9F87632	A9F85632
40 A	A9F86140	A9F87140	A9F85140	A9F86640	A9F87640	A9F85640
50 A	A9F86150	A9F87150	A9F85150	A9F86650	A9F87650	A9F85650
63 A	A9F86163	A9F87163	A9F85163	A9F86663	A9F87663	A9F85663
Width in 9-mm modules	2			4		
Accessories	Module CA907000 and CA907001			Module CA907000 and CA907001		

(1) VDE approved only.

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

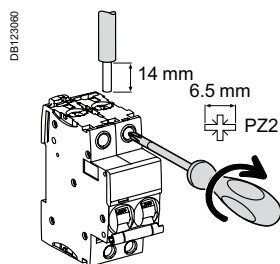
PB10495-40



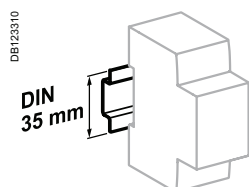
2P			3P			4P		
Remote tripping and indication, module CA907000 and CA907002			Remote tripping and indication, module CA907000 and CA907002			Remote tripping and indication, module CA907000 and CA907002		
Vigi iC60 add-on residual current device, module CA902005			Vigi iC60 add-on residual current device, module CA902005			Vigi iC60 add-on residual current device, module CA902005		
Curve			Curve			Curve		
B	C	D ⁽¹⁾	B	C	D ⁽¹⁾	B	C	D ⁽¹⁾
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
A9F86206	A9F87206	A9F85206	A9F86306	A9F87306	A9F85306	A9F86406	A9F87406	A9F85406
A9F86210	A9F87210	A9F85210	A9F86310	A9F87310	A9F85310	A9F86410	A9F87410	A9F85410
A9F83213	A9F84213	A9F85213	A9F83313	A9F84313	A9F85313	A9F83413	A9F84413	A9F85413
A9F86216	A9F87216	A9F85216	A9F86316	A9F87316	A9F85316	A9F86416	A9F87416	A9F85416
A9F86220	A9F87220	A9F85220	A9F86320	A9F87320	A9F85320	A9F86420	A9F87420	A9F85420
A9F86225	A9F87225	A9F85225	A9F86325	A9F87325	A9F85325	A9F86425	A9F87425	A9F85425
A9F86232	A9F87232	A9F85232	A9F86332	A9F87332	A9F85332	A9F86432	A9F87432	A9F85432
A9F86240	A9F87240	A9F85240	A9F86340	A9F87340	A9F85340	A9F86440	A9F87440	A9F85440
A9F86250	A9F87250	A9F85250	A9F86350	A9F87350	A9F85350	A9F86450	A9F87450	A9F85450
A9F86263	A9F87263	A9F85263	A9F86363	A9F87363	A9F85363	A9F86463	A9F87463	A9F85463
4			6			8		
Module CA907000 and CA907001			Module CA907000 and CA907001			Module CA907000 and CA907001		

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

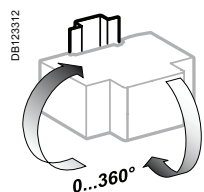
Connection



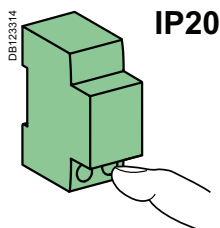
		Without accessory		With accessories			
Rating	Tightening torque	Copper cables		50 mm ² Al terminal	Screw-on connection for ring terminal	Multi-cables terminal	
		Rigid	Flexible or ferrule			Rigid cables	Flexible cables
		DB122945 	DB122946 	DB122935  Al	DB118789 	DB118787 	
0.5 to 25 A	2 N.m	1 to 25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



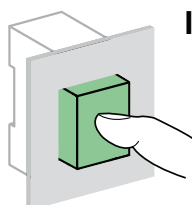
Clip on DIN rail 35 mm.



Indifferent position of installation.



IP20



IP40

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	50 °C
	Temperature derating	See module CA908007
Magnetic tripping	B curve	4 In ± 20 %
	C curve	8 In ± 20 %
	D curve	12 In ± 20 %
Utilization category		A

According to IEC/EN 60898-1

Limitation class	3
Rated making and breaking capacity of an individual pole (I _{cn1})	I _{cn1} = I _{cn}

Additional characteristics

Degree of protection (IEC 60529)	Device only	IP20
	Device in modular enclosure	IP40 Insulation classe II
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)	

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

Weight (g)

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

Dimensions (mm)

