

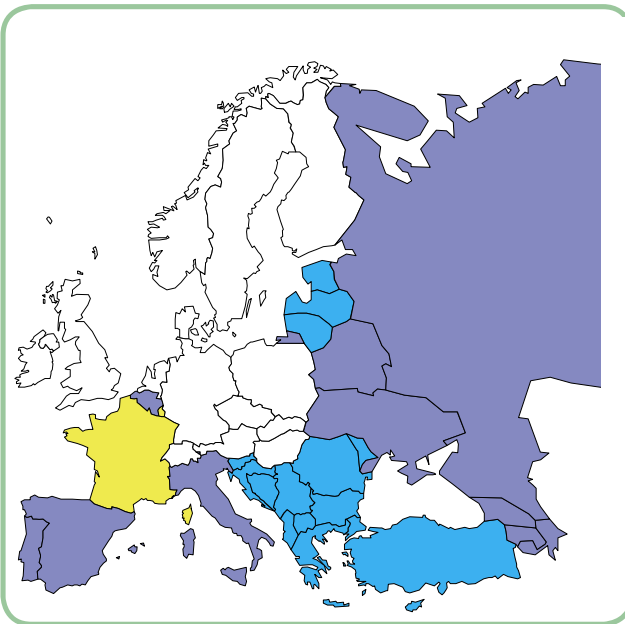


Schneider Electric's range of circuit breakers consists of different products (A, B, C) to enable it to be the most competitive range possible in each country, allowing for the special characteristics of each market:

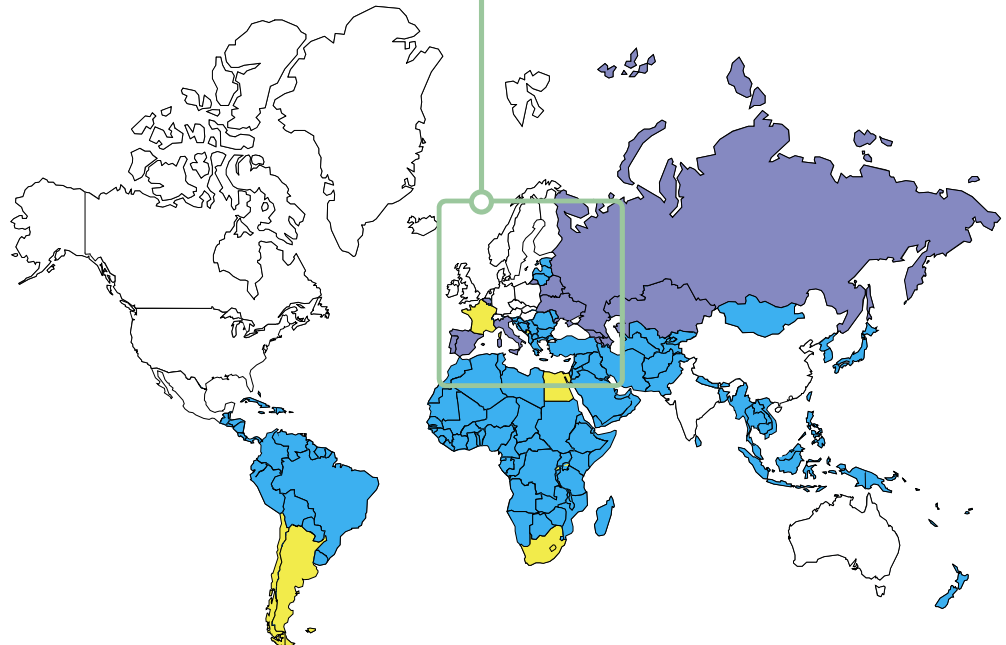
- usual installation procedure
- price
- accreditations by local bodies.

Variants

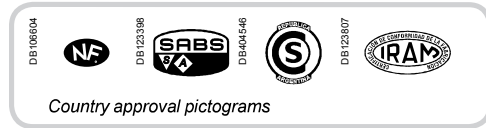
Offers		Pages
Offer A	Catalogue numbers	48
Offer B	Catalogue numbers	50
Offer C	Catalogue numbers	52
Common pages		54



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)



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					Service breaking capacity (Ics)	
Ph/Ph (2P, 3P, 4P)	Voltage (Ue)					
Ph/N (1P, 1P+N)	12 to 133 V	220 to 240 V	380 to 415 V	440 V	100 % of Icu	
Rating (In)	0.5 to 4 A	70 kA	70 kA	70 kA		50 kA
	6 to 63 A	42 kA	30 kA	15 kA	10 kA	50 % of Icu
Breaking capacity (Icn) according to IEC/EN 60898-1						
Voltage (Ue)					Service breaking capacity (Ics)	
Ph/Ph	400 V					
Ph/N	230 V				10000 A	
Rating (In)	0,5 to 63 A					

Direct current (DC)						
Breaking capacity (Icu) according to IEC/EN 60947-2					Service breaking capacity (Ics)	
Between +/-	Voltage (Ue)					
	12 to 60 V	≤ 72 V	≤ 125 V	≤ 180 V	≤ 250 V	100 % of Icu
Number of poles	1P		2P	3P	4P	
Rating (In)	0,5 to 63 A	20 kA	15 kA	15 kA	15 kA	

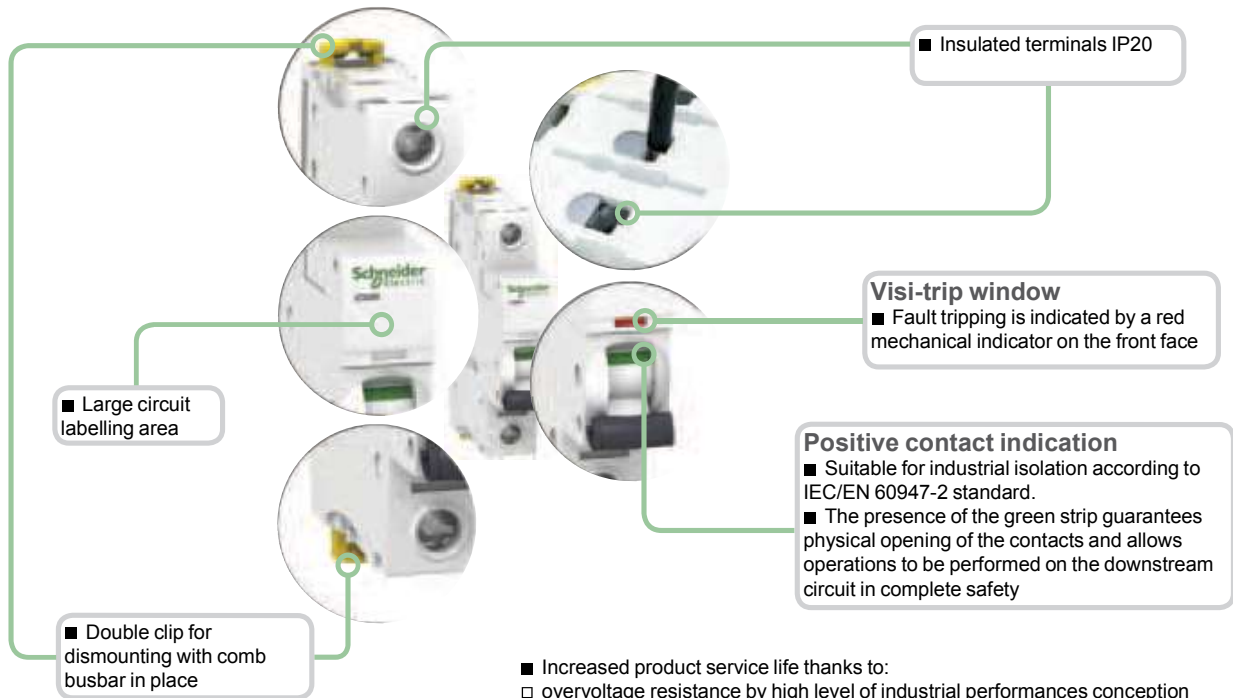
Catalogue numbers

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		



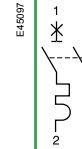
(1) VDE approved only.

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

PB 04435-40



- Increased product service life thanks to:
 - overvoltage resistance by high level of industrial performances conception (pollution degree, rated impulse withstand voltage and insulation voltage),
 - high performance limitation (see limitation curves),
 - fast closing independent of the speed of actuation of the toggle.
- Remote indication, open/closed/tripped, by optional auxiliary contacts.
- Top or bottom electrical feeding.

	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	Module CA907000 and CA907001			6	Module CA907000 and CA907001			8	Module CA907000 and CA907001		

iC60H circuit breakers (curve B, C, D)



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						Service breaking capacity (Ics)
Ph/Ph (2P, 3P, 4P)	Voltage (Ue)					
Ph/N (1P, 1P+N)	12 to 60 V	100 to 133 V	220 to 240 V	380 to 415 V	440 V	100 % of Icu
Rating (In)	0.5 to 4 A	70 kA	70 kA	70 kA	50 kA	
	6 to 63 A	42 kA	30 kA	15 kA	10 kA	50 % of Icu
Breaking capacity (Icn) according to IEC/EN 60898-1						
Voltage (Ue)						Service breaking capacity (Ics)
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						Service breaking capacity (Ics)
Between +/-	Voltage (Ue)					
Number of poles	1P	≤ 72 V	≤ 125 V	≤ 180 V	≤ 250 V	100 % of Icu
Rating (In)	0,5 to 63 A	20 kA	15 kA	15 kA	15 kA	

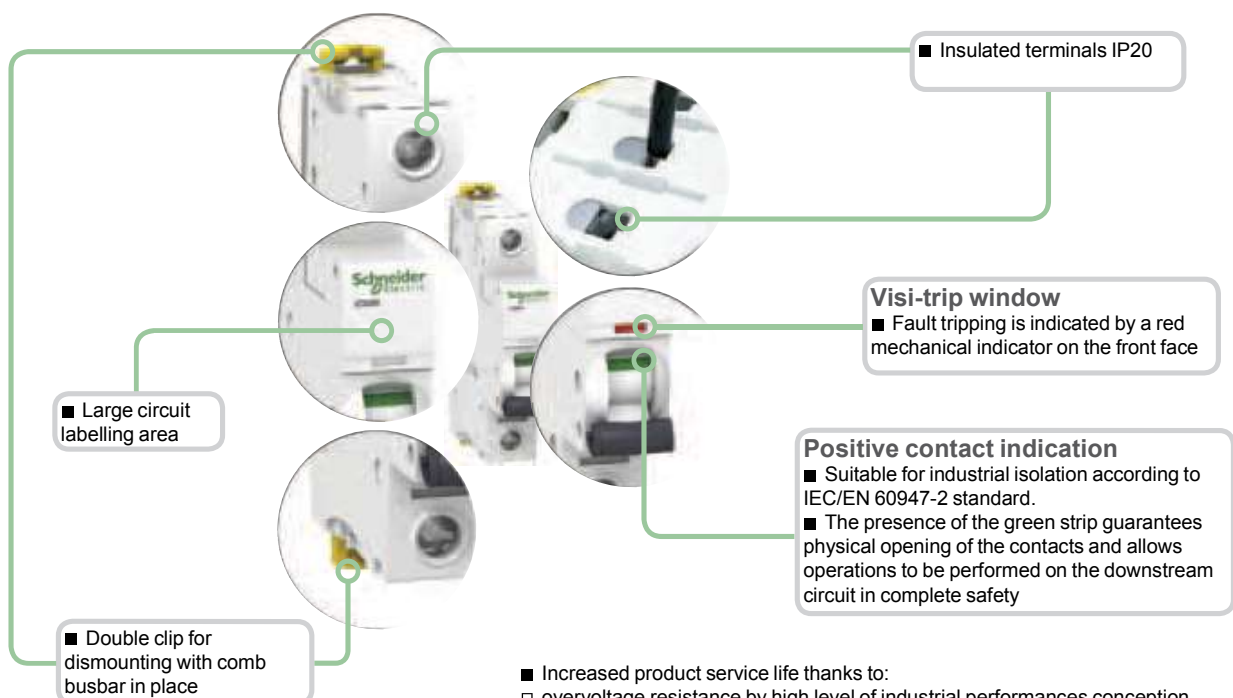
Catalogue numbers

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	A9F88106	A9F89106	A9F85106	A9F88606	A9F89606	A9F85606
10 A	A9F88110	A9F89110	A9F85110	A9F88610	A9F89610	A9F85610
13 A ⁽¹⁾	A9F83113	A9F84113	A9F85113	A9F83613	A9F84613	A9F85613
16 A	A9F88116	A9F89116	A9F85116	A9F88616	A9F89616	A9F85616
20 A	A9F88120	A9F89120	A9F85120	A9F88620	A9F89620	A9F85620
25 A	A9F88125	A9F89125	A9F85125	A9F88625	A9F89625	A9F85625
32 A	A9F88132	A9F89132	A9F85132	A9F88632	A9F89632	A9F85632
40 A	A9F88140	A9F89140	A9F85140	A9F88640	A9F89640	A9F85640
50 A	A9F88150	A9F89150	A9F85150	A9F88650	A9F89650	A9F85650
63 A	A9F88163	A9F89163	A9F85163	A9F88663	A9F89663	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.)

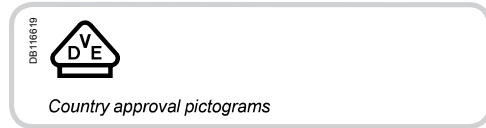
PS 04435-40



- Increased product service life thanks to:
 - overvoltage resistance by high level of industrial performances conception (pollution degree, rated impulse withstand voltage and insulation voltage),
 - high performance limitation (see limitation curves),
 - fast closing independent of the speed of actuation of the toggle.
- Remote indication, open/closed/tripped, by optional auxiliary contacts.
- Top or bottom electrical feeding.

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
A9F88206	A9F89206	A9F85206	A9F88306	A9F89306	A9F85306	A9F88406	A9F89406	A9F85406
A9F88210	A9F89210	A9F85210	A9F88310	A9F89310	A9F85310	A9F88410	A9F89410	A9F85410
A9F83213	A9F84213	A9F85213	A9F83313	A9F84313	A9F85313	A9F83413	A9F84413	A9F85413
A9F88216	A9F89216	A9F85216	A9F88316	A9F89316	A9F85316	A9F88416	A9F89416	A9F85416
A9F88220	A9F89220	A9F85220	A9F88320	A9F89320	A9F85320	A9F88420	A9F89420	A9F85420
A9F88225	A9F89225	A9F85225	A9F88325	A9F89325	A9F85325	A9F88425	A9F89425	A9F85425
A9F88232	A9F89232	A9F85232	A9F88332	A9F89332	A9F85332	A9F88432	A9F89432	A9F85432
A9F88240	A9F89240	A9F85240	A9F88340	A9F89340	A9F85340	A9F88440	A9F89440	A9F85440
A9F88250	A9F89250	A9F85250	A9F88350	A9F89350	A9F85350	A9F88450	A9F89450	A9F85450
A9F88263	A9F89263	A9F85263	A9F88363	A9F89363	A9F85363	A9F88463	A9F89463	A9F85463
4			6			8		
Module CA907000 and CA907001			Module CA907000 and CA907001			Module CA907000 and CA907001		

iC60H circuit breakers (curve B, C, D)



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

- iC60H circuit breakers are multi-standard circuit breakers which combine the following functions:
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 - 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.

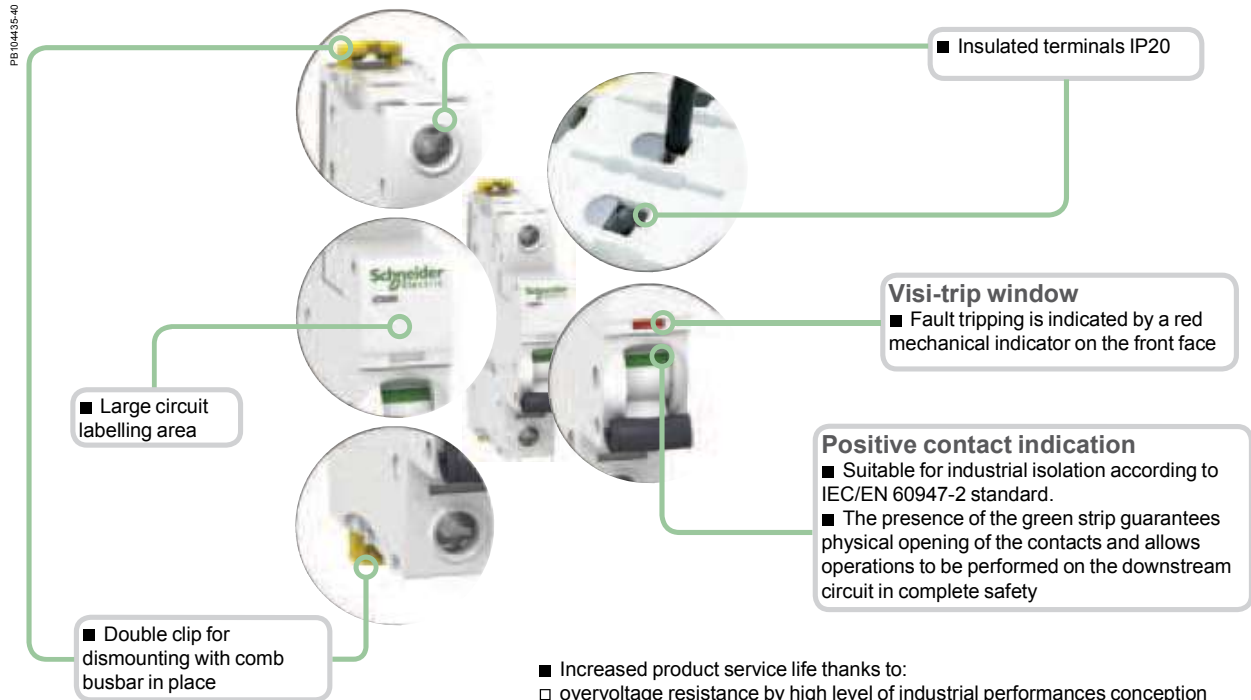
Alternating current (AC) 50/60 Hz						
Breaking capacity (Icu) according to IEC/EN 60947-2					Service breaking capacity (Ics)	
Ph/Ph (2P, 3P, 4P)	Voltage (Ue)					
Ph/N (1P, 1P+N)	12 to 60 V	100 to 133 V	220 to 240 V	-	100 % of Icu	
Rating (In)	0.5 to 4 A	70 kA	70 kA	70 kA		50 kA
	6 to 63 A	42 kA	30 kA	15 kA	10 kA	50 % of Icu
Breaking capacity (Icn) according to IEC/EN 60898-1						
Voltage (Ue)					Service breaking capacity (Ics)	
Ph/Ph	400 V					
Ph/N	230 V				10000 A	
Rating (In)	0,5 to 63 A					

Direct current (DC)						
Breaking capacity (Icu) according to IEC/EN 60947-2					Service breaking capacity (Ics)	
Between +/-	Voltage (Ue)					
	12 to 60 V	≤ 72 V	≤ 125 V	≤ 180 V	≤ 250 V	100 % of Icu
Number of poles	1P		2P	3P	4P	
Rating (In)	0,5 to 63 A	20 kA	15 kA	15 kA	15 kA	

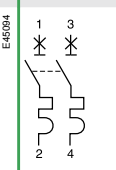
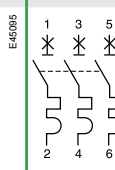
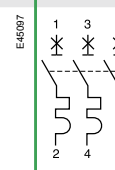
Catalogue numbers

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		

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

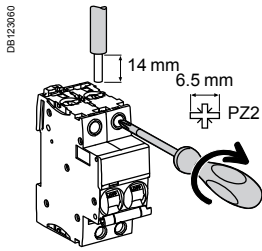


- Increased product service life thanks to:
 - overvoltage resistance by high level of industrial performances conception (pollution degree, rated impulse withstand voltage and insulation voltage),
 - high performance limitation (see limitation curves),
 - fast closing independent of the speed of actuation of the toggle.
- Remote indication, open/closed/tripped, by optional auxiliary contacts.
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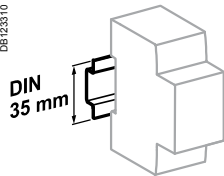
2P			3P			4P		
								
Remote tripping and indication, module CA907000 and CA907002			Remote tripping and indication, module CA907000 and CA907002			Remote tripping and indication, module CA907000 and CA907002		
Vigi iC60 add-on residual current device, module CA902005			Vigi iC60 add-on residual current 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.)

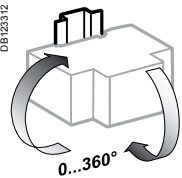
Connection



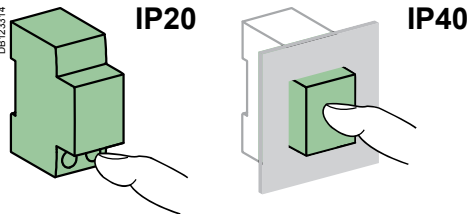
Rating	Tightening torque	Without accessory		With accessories			
		Copper cables	50 mm ² Al terminal	Screw-on connection for ring terminal	Multi-cables terminal		
		Rigid	Flexible or with ferrule		Rigid cables	Flexible cables	
0.5 to 25 A	2 N.m	DB122945	DB122946	DB122945	DB118789	DB118787	
32 to 63 A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

