

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

The protection of property and people against direct or indirect contacts, insulation faults and fire hazards is implemented by residual current devices obtained by the combination of a circuit breaker and an earth leakage module.

The circuit breakers are designed for protection against short-circuit and overload currents, for the control and disconnection of final distribution circuits in service sector, agricultural and industrial applications, in TT earthing system or with multiple earthed neutral (TN-S) requiring neutral cutoff without its protective device.



Catalogue numbers

DT40K circuit breakers		
4500		
Type	1P+N	3P+N
	<p>DB408477</p>	<p>DB408479</p>
Auxiliaries	Without auxiliary	Without auxiliary
Vigi	Without Vigi	Without Vigi
Rating (In)	C curve	C curve
2 A	A9N21101	-
6 A	A9N21102	-
10 A	A9N21103	A9N21113
16 A	A9N21104	A9N21114
20 A	A9N21105	A9N21115
25 A	A9N21106	A9N21116
32 A	A9N21107	A9N21117
40 A	A9N21108	A9N21118
Width in 9-mm modules	2	6
Accessories	Module LIN001 and CA907010	



IEC/EN 60898-1

The protection of property and people against direct or indirect contacts, insulation faults and fire hazards is implemented by residual current devices obtained by the combination of a circuit breaker and an earth leakage module.

The circuit breakers are designed for protection against short-circuit and overload currents, for the control and disconnection of final distribution circuits in service sector, agricultural and industrial applications, in TT earthing system or with multiple earthed neutral (TN-S) requiring neutral cutoff without its protective device.



Catalogue numbers

DT40 circuit breakers						
4500						
Type	1P+N		3P		3P+N	
Auxiliaries	Modules CA907008 and CA907010		Modules CA907008 and CA907010		Modules CA907008 and CA907010	
Vigi	Module CA902013		Module CA902013		Module CA902013	
Rating (In)	B curve	C curve	C curve	D curve	C curve	D curve
1 A	-	A9N21019	-	-	-	-
2 A	-	A9N21020	-	-	-	-
3 A	-	A9N21021	-	-	-	-
4 A	-	A9N21022	-	-	-	-
6 A	A9N21009	A9N21023	A9N21043	A9N21053	A9N21063	A9N21073
10 A	A9N21010	A9N21024	A9N21044	A9N21054	A9N21064	A9N21074
16 A	A9N21011	A9N21025	A9N21045	A9N21055	A9N21065	A9N21075
20 A	A9N21012	A9N21026	A9N21046	A9N21056	A9N21066	A9N21076
25 A	A9N21013	A9N21027	A9N21047	A9N21057	A9N21067	A9N21077
32 A	A9N21014	A9N21028	A9N21048	A9N21058	A9N21068	A9N21078
40 A	A9N21015	A9N21029	A9N21049	A9N21059	A9N21069	A9N21079
Width in 9-mm modules	2		6		6	
Accessories	Module LIN001 and CA907010					

iC60N circuit breakers (curve B, C, D)



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

- iC60N 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	-	100 % of Icu
Ph/N (1P, 2P)	50 kA	50 kA	50 kA	25 kA	
Rating (In)	0.5 to 4 A	50 kA	50 kA	50 kA	25 kA
	6 to 63 A	36 kA	20 kA	10 kA	6 kA
					75 % of Icu

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

Ph/Ph	Voltage (Ue)	
	400 V	230 V
Ph/N	230 V	
Rating (In)	0.5 to 63 A	6000 A

Direct current (DC)

Breaking capacity (Icu) according to IEC/EN 60947-2	Voltage (Ue)					Service breaking capacity (Ics)
	12 to 60 V	≤ 72 V	≤ 125 V	≤ 180 V	≤ 250 V	
Between +/-	1P	2P	3P	4P		100 % of Icu
Number of poles	1P	2P	3P	4P		
Rating (In)	1 to 63 A	15 kA	10 kA	10 kA	10 kA	

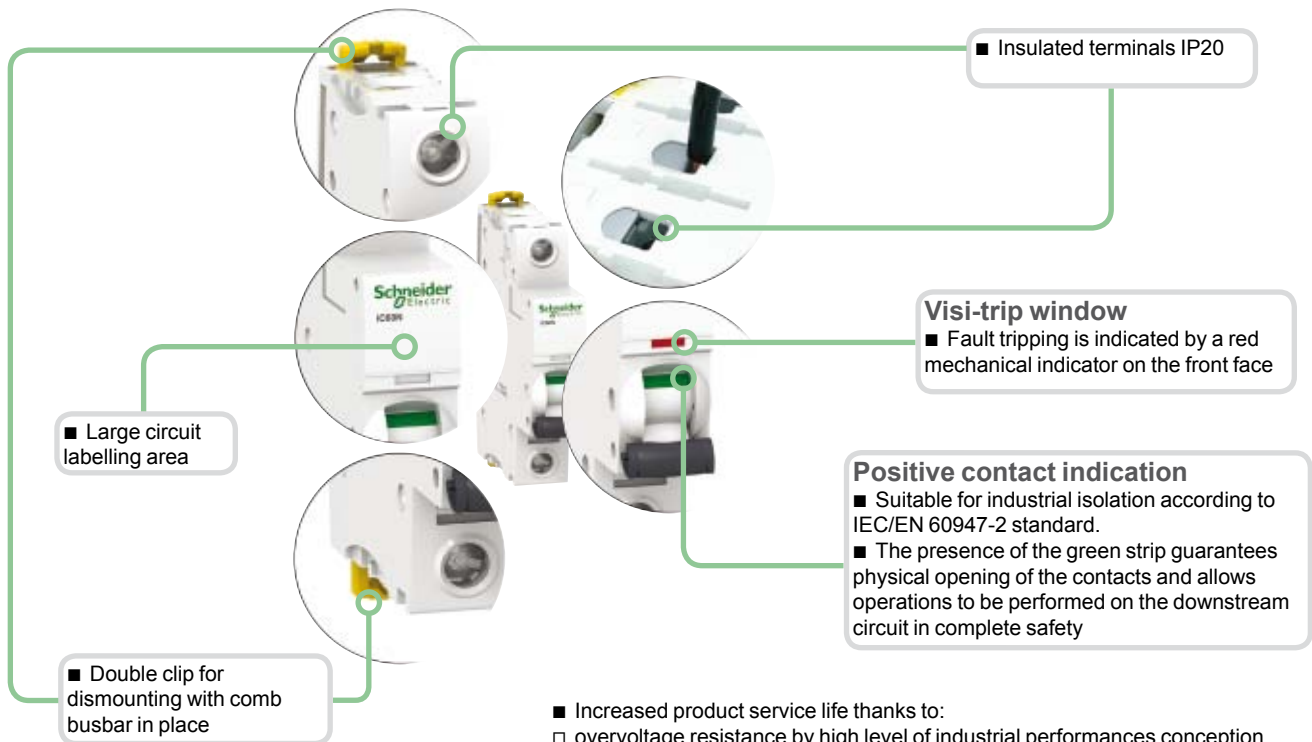
Catalogue numbers

iC60N 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⁾	A9F73170	A9F74170	A9F75170	A9F73670	A9F74670	A9F75670
1 A ⁽¹⁾	A9F73101	A9F74101	A9F75101	A9F73601	A9F74601	A9F75601
2 A ⁽¹⁾	A9F73102	A9F74102	A9F75102	A9F73602	A9F74602	A9F75602
3 A ⁽¹⁾	A9F73103	A9F74103	A9F75103	A9F73603	A9F74603	A9F75603
4 A ⁽¹⁾	A9F73104	A9F74104	A9F75104	A9F73604	A9F74604	A9F75604
6 A	A9F76106	A9F77106	A9F75106	A9F76606	A9F77606	A9F75606
10 A	A9F76110	A9F77110	A9F75110	A9F76610	A9F77610	A9F75610
13 A ⁽¹⁾	A9F73113	A9F74113	A9F75113	A9F73613	A9F74613	A9F75613
16 A	A9F76116	A9F77116	A9F75116	A9F76616	A9F77616	A9F75616
20 A	A9F76120	A9F77120	A9F75120	A9F76620	A9F77620	A9F75620
25 A	A9F76125	A9F77125	A9F75125	A9F76625	A9F77625	A9F75625
32 A	A9F76132	A9F77132	A9F75132	A9F76632	A9F77632	A9F75632
40 A	A9F76140	A9F77140	A9F75140	A9F76640	A9F77640	A9F75640
50 A	A9F76150	A9F77150	A9F75150	A9F76650	A9F77650	A9F75650
63 A	A9F76163	A9F77163	A9F75163	A9F76663	A9F77663	A9F75663
Width in 9-mm modules	2			4		
Accessories	Module CA907000 and CA907001			Module CA907000 and CA907001		

(1) VDE approved only.

iC60N circuit breakers (curve B, C, D) (cont.)

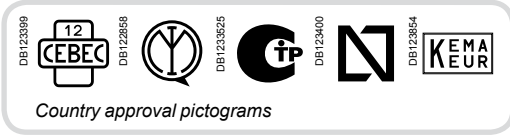
PB10434-40



- 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		
E45094									
	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⁾
	A9F73270	A9F74270	A9F75270	A9F73370	A9F74370	A9F75370	A9F73470	A9F74470	A9F75470
	A9F73201	A9F74201	A9F75201	A9F73301	A9F74301	A9F75301	A9F73401	A9F74401	A9F75401
	A9F73202	A9F74202	A9F75202	A9F73302	A9F74302	A9F75302	A9F73402	A9F74402	A9F75402
	A9F73203	A9F74203	A9F75203	A9F73303	A9F74303	A9F75303	A9F73403	A9F74403	A9F75403
	A9F73204	A9F74204	A9F75204	A9F73304	A9F74304	A9F75304	A9F73404	A9F74404	A9F75404
	A9F76206	A9F77206	A9F75206	A9F76306	A9F77306	A9F75306	A9F76406	A9F77406	A9F75406
	A9F76210	A9F77210	A9F75210	A9F76310	A9F77310	A9F75310	A9F76410	A9F77410	A9F75410
	A9F73213	A9F74213	A9F75213	A9F73313	A9F74313	A9F75313	A9F73413	A9F74413	A9F75413
	A9F76216	A9F77216	A9F75216	A9F76316	A9F77316	A9F75316	A9F76416	A9F77416	A9F75416
	A9F76220	A9F77220	A9F75220	A9F76320	A9F77320	A9F75320	A9F76420	A9F77420	A9F75420
	A9F76225	A9F77225	A9F75225	A9F76325	A9F77325	A9F75325	A9F76425	A9F77425	A9F75425
	A9F76232	A9F77232	A9F75232	A9F76332	A9F77332	A9F75332	A9F76432	A9F77432	A9F75432
	A9F76240	A9F77240	A9F75240	A9F76340	A9F77340	A9F75340	A9F76440	A9F77440	A9F75440
	A9F76250	A9F77250	A9F75250	A9F76350	A9F77350	A9F75350	A9F76450	A9F77450	A9F75450
	A9F76263	A9F77263	A9F75263	A9F76363	A9F77363	A9F75363	A9F76463	A9F77463	A9F75463
	4	Module CA907000 and CA907001		6	Module CA907000 and CA907001		8	Module CA907000 and CA907001	

iC60N circuit breakers (curve B, C, D)



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

- iC60N 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 133 V	220 to 240 V	380 to 415 V	440 V	100 % of Icu
Ph/N (1P, 2P)	12 to 60 V	100 to 133 V	220 to 240 V	-	
Rating (In) 0.5 to 4 A	50 kA	50 kA	50 kA	25 kA	75 % of Icu
6 to 63 A	36 kA	20 kA	10 kA	6 kA	

Breaking capacity (Icn) according to IEC/EN 60898-1	
Ph/Ph	Voltage (Ue)
Ph/Ph	400 V
Ph/N	230 V
Rating (In) 0.5 to 63 A	6000 A

Direct current (DC)

Breaking capacity (Icu) according to IEC/EN 60947-2	Voltage (Ue)					Service breaking capacity (Ics)
	12 to 60 V	≤ 72 V	≤ 125 V	≤ 180 V	≤ 250 V	
Between +/-	1P	2P	3P	4P	100 % of Icu	
Number of poles	1P	2P	3P	4P		
Rating (In) 1 to 63 A	15 kA	10 kA	10 kA	10 kA	10 kA	

Catalogue numbers

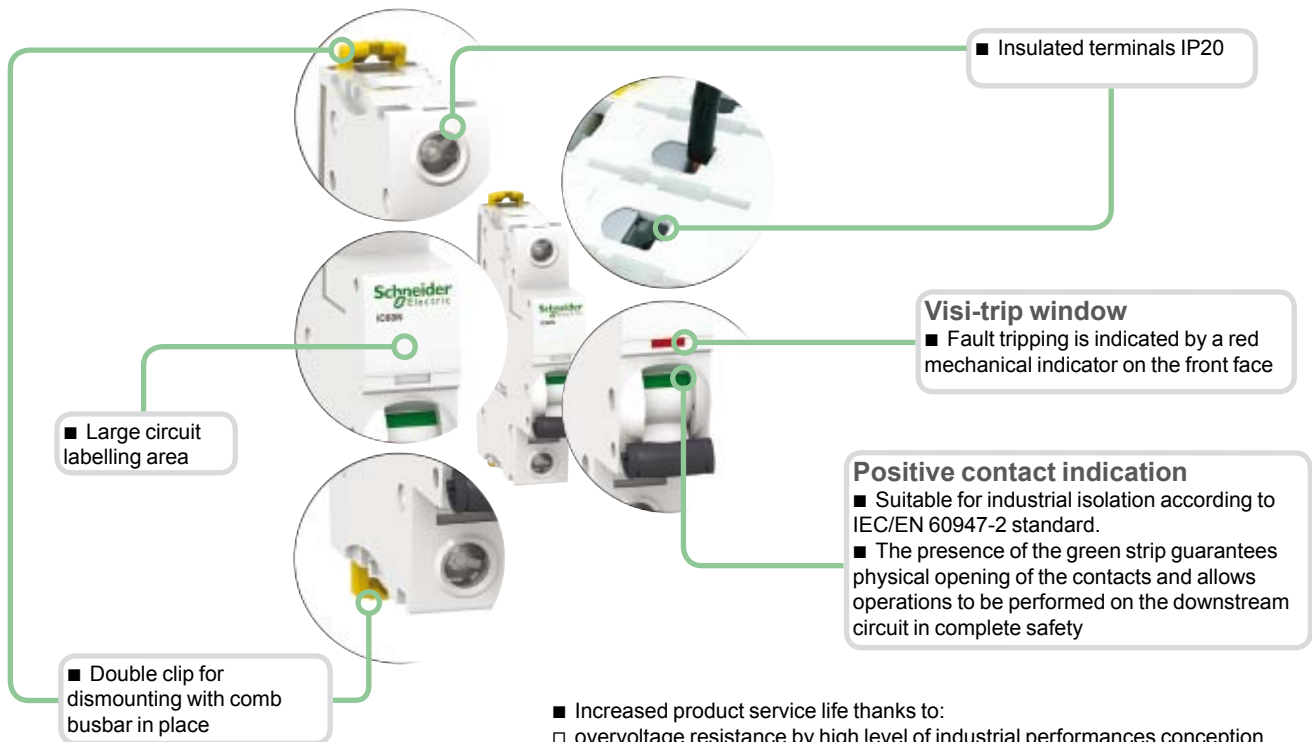
iC60N circuit breaker

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⁾	A9F73170	A9F74170	A9F75170	A9F73670	A9F74670	A9F75670
1 A ⁽¹⁾	A9F73101	A9F74101	A9F75101	A9F73601	A9F74601	A9F75601
2 A ⁽¹⁾	A9F73102	A9F74102	A9F75102	A9F73602	A9F74602	A9F75602
3 A ⁽¹⁾	A9F73103	A9F74103	A9F75103	A9F73603	A9F74603	A9F75603
4 A ⁽¹⁾	A9F73104	A9F74104	A9F75104	A9F73604	A9F74604	A9F75604
6 A	A9F78106	A9F79106	A9F75106	A9F78606	A9F79606	A9F75606
10 A	A9F78110	A9F79110	A9F75110	A9F78610	A9F79610	A9F75610
13 A ⁽¹⁾	A9F73113	A9F74113	A9F75113	A9F73613	A9F74613	A9F75613
16 A	A9F78116	A9F79116	A9F75116	A9F78616	A9F79616	A9F75616
20 A	A9F78120	A9F79120	A9F75120	A9F78620	A9F79620	A9F75620
25 A	A9F78125	A9F79125	A9F75125	A9F78625	A9F79625	A9F75625
32 A	A9F78132	A9F79132	A9F75132	A9F78632	A9F79632	A9F75632
40 A	A9F78140	A9F79140	A9F75140	A9F78640	A9F79640	A9F75640
50 A	A9F78150	A9F79150	A9F75150	A9F78650	A9F79650	A9F75650
63 A	A9F78163	A9F79163	A9F75163	A9F78663	A9F79663	A9F75663
Width in 9-mm modules	2			4		
Accessories	Module CA907000 and CA907001			Module CA907000 and CA907001		

(1) VDE approved only.

iC60N circuit breakers (curve B, C, D) (cont.)

PB10434-40



- 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			
E46094				E46095			E46097			
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⁾
A9F73270	A9F74270	A9F75270	A9F73370	A9F74370	A9F75370	A9F73470	A9F74470	A9F75470		
A9F73201	A9F74201	A9F75201	A9F73301	A9F74301	A9F75301	A9F73401	A9F74401	A9F75401		
A9F73202	A9F74202	A9F75202	A9F73302	A9F74302	A9F75302	A9F73402	A9F74402	A9F75402		
A9F73203	A9F74203	A9F75203	A9F73303	A9F74303	A9F75303	A9F73403	A9F74403	A9F75403		
A9F73204	A9F74204	A9F75204	A9F73304	A9F74304	A9F75304	A9F73404	A9F74404	A9F75404		
A9F78206	A9F79206	A9F75206	A9F78306	A9F79306	A9F75306	A9F78406	A9F79406	A9F75406		
A9F78210	A9F79210	A9F75210	A9F78310	A9F79310	A9F75310	A9F78410	A9F79410	A9F75410		
A9F73213	A9F74213	A9F75213	A9F73313	A9F74313	A9F75313	A9F73413	A9F74413	A9F75413		
A9F78216	A9F79216	A9F75216	A9F78316	A9F79316	A9F75316	A9F78416	A9F79416	A9F75416		
A9F78220	A9F79220	A9F75220	A9F78320	A9F79320	A9F75320	A9F78420	A9F79420	A9F75420		
A9F78225	A9F79225	A9F75225	A9F78325	A9F79325	A9F75325	A9F78425	A9F79425	A9F75425		
A9F78232	A9F79232	A9F75232	A9F78332	A9F79332	A9F75332	A9F78432	A9F79432	A9F75432		
A9F78240	A9F79240	A9F75240	A9F78340	A9F79340	A9F75340	A9F78440	A9F79440	A9F75440		
A9F78250	A9F79250	A9F75250	A9F78350	A9F79350	A9F75350	A9F78450	A9F79450	A9F75450		
A9F78263	A9F79263	A9F75263	A9F78363	A9F79363	A9F75363	A9F78463	A9F79463	A9F75463		
4				6			8			
Module CA907000 and CA907001				Module CA907000 and CA907001			Module CA907000 and CA907001			

iC60N circuit breakers (curve B, C, D)



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

- iC60N 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 133 V	220 to 240 V	380 to 415 V	440 V	100 % of Icu
Ph/N (1P, 2P)	12 to 60 V	100 to 133 V	220 to 240 V	-	
Rating (In)	0.5 to 4 A	50 kA	50 kA	50 kA	25 kA
	6 to 63 A	36 kA	20 kA	10 kA	6 kA
					75 % of Icu

Breaking capacity (Icn) according to IEC/EN 60898-1	Voltage (Ue)	
	Ph/Ph	Ph/N
	400 V	230 V
Rating (In)	0.5 to 63 A	6000 A

Direct current (DC)

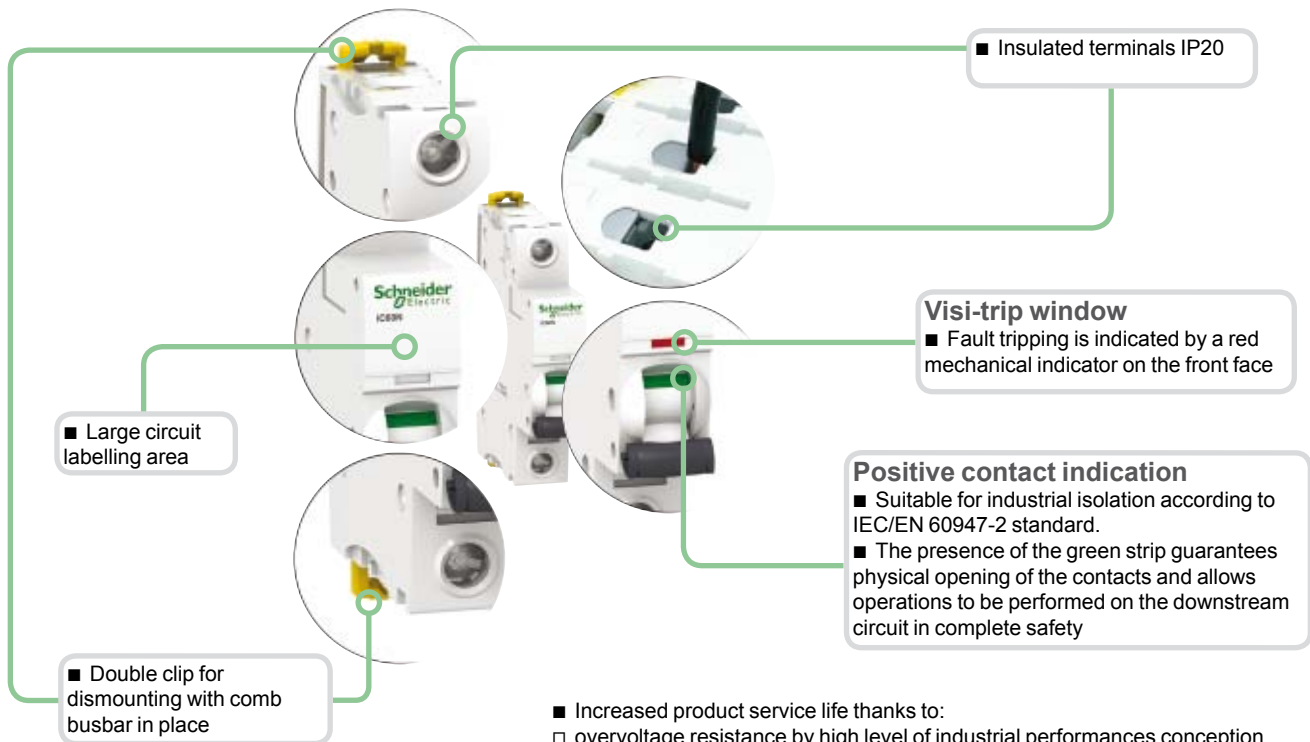
Breaking capacity (Icu) according to IEC/EN 60947-2	Voltage (Ue)					Service breaking capacity (Ics)
	Between +/-	12 to 60 V	≤ 72 V	≤ 125 V	≤ 180 V	
Number of poles	1P			2P	3P	4P
Rating (In)	1 to 63 A	15 kA	10 kA	10 kA	10 kA	10 kA
						100 % of Icu

Catalogue numbers

iC60N 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	A9F73170	A9F74170	A9F75170	A9F73670	A9F74670	A9F75670
1 A	A9F73101	A9F74101	A9F75101	A9F73601	A9F74601	A9F75601
2 A	A9F73102	A9F74102	A9F75102	A9F73602	A9F74602	A9F75602
3 A	A9F73103	A9F74103	A9F75103	A9F73603	A9F74603	A9F75603
4 A	A9F73104	A9F74104	A9F75104	A9F73604	A9F74604	A9F75604
6 A	A9F73106	A9F74106	A9F75106	A9F73606	A9F74606	A9F75606
10 A	A9F73110	A9F74110	A9F75110	A9F73610	A9F74610	A9F75610
13 A	A9F73113	A9F74113	A9F75113	A9F73613	A9F74613	A9F75613
16 A	A9F73116	A9F74116	A9F75116	A9F73616	A9F74616	A9F75616
20 A	A9F73120	A9F74120	A9F75120	A9F73620	A9F74620	A9F75620
25 A	A9F73125	A9F74125	A9F75125	A9F73625	A9F74625	A9F75625
32 A	A9F73132	A9F74132	A9F75132	A9F73632	A9F74632	A9F75632
40 A	A9F73140	A9F74140	A9F75140	A9F73640	A9F74640	A9F75640
50 A	A9F73150	A9F74150	A9F75150	A9F73650	A9F74650	A9F75650
63 A	A9F73163	A9F74163	A9F75163	A9F73663	A9F74663	A9F75663
Width in 9-mm modules	2			4		
Accessories	Module CA907000 and CA907001			Module CA907000 and CA907001		

iC60N circuit breakers (curve B, C, D) (cont.)

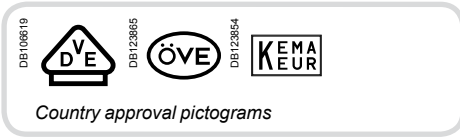
PB10434-40



- 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		
E46094				E46095			E46097		
	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			
A9F73270	A9F74270	A9F75270	A9F73370	A9F74370	A9F75370	A9F73470	A9F74470	A9F75470	
A9F73201	A9F74201	A9F75201	A9F73301	A9F74301	A9F75301	A9F73401	A9F74401	A9F75401	
A9F73202	A9F74202	A9F75202	A9F73302	A9F74302	A9F75302	A9F73402	A9F74402	A9F75402	
A9F73203	A9F74203	A9F75203	A9F73303	A9F74303	A9F75303	A9F73403	A9F74403	A9F75403	
A9F73204	A9F74204	A9F75204	A9F73304	A9F74304	A9F75304	A9F73404	A9F74404	A9F75404	
A9F73206	A9F74206	A9F75206	A9F73306	A9F74306	A9F75306	A9F73406	A9F74406	A9F75406	
A9F73210	A9F74210	A9F75210	A9F73310	A9F74310	A9F75310	A9F73410	A9F74410	A9F75410	
A9F73213	A9F74213	A9F75213	A9F73313	A9F74313	A9F75313	A9F73413	A9F74413	A9F75413	
A9F73216	A9F74216	A9F75216	A9F73316	A9F74316	A9F75316	A9F73416	A9F74416	A9F75416	
A9F73220	A9F74220	A9F75220	A9F73320	A9F74320	A9F75320	A9F73420	A9F74420	A9F75420	
A9F73225	A9F74225	A9F75225	A9F73325	A9F74325	A9F75325	A9F73425	A9F74425	A9F75425	
A9F73232	A9F74232	A9F75232	A9F73332	A9F74332	A9F75332	A9F73432	A9F74432	A9F75432	
A9F73240	A9F74240	A9F75240	A9F73340	A9F74340	A9F75340	A9F73440	A9F74440	A9F75440	
A9F73250	A9F74250	A9F75250	A9F73350	A9F74350	A9F75350	A9F73450	A9F74450	A9F75450	
A9F73263	A9F74263	A9F75263	A9F73363	A9F74363	A9F75363	A9F73463	A9F74463	A9F75463	
4			6			8			
Module CA907000 and CA907001			Module CA907000 and CA907001			Module CA907000 and CA907001			

iC60N double terminals circuit breakers (curve B, C, D)



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

- iC60N double terminal terminals 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, 3P+N, 4P)					100 % of Icu 75 % of Icu
Ph/N (1P, 1P+N)	12 to 60 V	100 to 133 V	220 to 240 V	-	
Rating (In)	0.5 to 4 A 6 to 63 A	50 kA 36 kA	50 kA 20 kA	50 kA 10 kA	25 kA 6 kA

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

Breaking capacity (Icn) according to IEC/EN 60898-1	Voltage (Ue)	
	Ph/Ph	Ph/N
Rating (In)	0.5 to 63 A	6000 A

Direct current (DC)

Breaking capacity (Icu) according to IEC/EN 60947-2	Voltage (Ue)					Service breaking capacity (Ics)
	Between +/-	12 to 60 V	≤ 72 V	≤ 125 V	≤ 180 V	
Number of poles	1P		2P	3P	4P	100 % of Icu
Rating (In)	1 to 63 A	15 kA	10 kA	10 kA	10 kA	

Catalogue numbers

iC60N double terminals circuit breaker

Type	1P	1P+N	2P
Auxiliaries	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	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
Rating (In)	Curve B C D	Curve B C	Curve B C D
0.5 A	- A9F04170 A9F05170	- A9F04670	- A9F04270 A9F05270
1 A	A9F03101 A9F04101 A9F05101	- A9F04601	- A9F04201 A9F05201
2 A	A9F03102 A9F04102 A9F05102	- A9F04602	A9F03202 A9F04202 A9F05202
3 A	- A9F04103 A9F05103	- A9F04603	- A9F04203 A9F05203
4 A	A9F03104 A9F04104 A9F05104	- A9F04604	A9F03204 A9F04204 A9F05204
6 A	A9F03106 A9F04106 A9F05106	A9F03606 A9F04606	A9F03206 A9F04206 A9F05206
10 A	A9F03110 A9F04110 A9F05110	A9F03610 A9F04610	A9F03210 A9F04210 A9F05210
13 A	A9F03113 A9F04113 A9F05113	A9F03613 A9F04613	A9F03213 A9F04213 A9F05213
16 A	A9F03116 A9F04116 A9F05116	A9F03616 A9F04616	A9F03216 A9F04216 A9F05216
20 A	A9F03120 A9F04120 A9F05120	A9F03620 A9F04620	A9F03220 A9F04220 A9F05220
25 A	A9F03125 A9F04125 A9F05125	A9F03625 A9F04625	A9F03225 A9F04225 A9F05225
32 A	A9F03132 A9F04132 A9F05132	A9F03632 A9F04632	A9F03232 A9F04232 A9F05232
40 A	A9F03140 A9F04140 A9F05140	A9F03640 A9F04640	A9F03240 A9F04240 A9F05240
50 A	A9F03150 A9F04150 A9F05150	A9F03650 A9F04650	A9F03250 A9F04250 A9F05250
63 A	A9F03163 A9F04163 A9F05163	A9F03663 A9F04663	A9F03263 A9F04263 A9F05263
Width in 9-mm modules	2	4	4
Accessories	Modules CA907000 and CA907001	Modules CA907000 and CA907001	Modules CA907000 and CA907001

iC60N double terminals circuit breakers (curve B, C, D) (cont.)

- Insulated terminals IP20**
- Double terminals**
 - For top or bottom connections:
 - by cable,
 - by comb busbar
- Large circuit labelling area**
- Double clip locking** allowing tool-free removal, front panel side, with the comb busbar in position
- Visi-trip window**
 - Fault tripping is indicated by a red mechanical indicator on the front face
- Positive contact indication**
 - Suitable for industrial isolation according to IEC/EN 60947-2 standard
 - The presence of the green strip guarantees physical opening of the contacts and allows operations to be performed on the downstream circuit in complete safety
- 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.

3P				3P+N				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		Curve		Curve		Curve					
B	C	D	B	C	B	C	B	C	D	B	C	D			
-	A9F04370	A9F05370	-	A9F04770	-	A9F04470	A9F05470	-	A9F04470	A9F05470	-	A9F04470	A9F05470		
-	A9F04301	A9F05301	-	A9F04701	-	A9F04401	A9F05401	-	A9F04401	A9F05401	-	A9F04401	A9F05401		
A9F03302	A9F04302	A9F05302	-	A9F04702	-	A9F04402	A9F05402	-	A9F04402	A9F05402	-	A9F04402	A9F05402		
-	A9F04303	A9F05303	-	A9F04703	-	A9F04403	A9F05403	-	A9F04403	A9F05403	-	A9F04403	A9F05403		
-	A9F04304	A9F05304	-	A9F04704	-	A9F04404	A9F05404	-	A9F04404	A9F05404	-	A9F04404	A9F05404		
A9F03306	A9F04306	A9F05306	A9F03706	A9F04706	A9F03406	A9F04406	A9F05406	A9F03310	A9F04310	A9F05310	A9F03710	A9F04710	A9F03410	A9F04410	A9F05410
A9F03310	A9F04310	A9F05310	A9F03710	A9F04710	A9F03410	A9F04410	A9F05410	A9F03313	A9F04313	A9F05313	A9F03713	A9F04713	A9F03413	A9F04413	A9F05413
A9F03316	A9F04316	A9F05316	A9F03716	A9F04716	A9F03416	A9F04416	A9F05416	A9F03316	A9F04316	A9F05316	A9F03716	A9F04716	A9F03416	A9F04416	A9F05416
A9F03320	A9F04320	A9F05320	A9F03720	A9F04720	A9F03420	A9F04420	A9F05420	A9F03320	A9F04320	A9F05320	A9F03720	A9F04720	A9F03420	A9F04420	A9F05420
A9F03325	A9F04325	A9F05325	A9F03725	A9F04725	A9F03425	A9F04425	A9F05425	A9F03325	A9F04325	A9F05325	A9F03725	A9F04725	A9F03425	A9F04425	A9F05425
A9F03332	A9F04332	A9F05332	A9F03732	A9F04732	A9F03432	A9F04432	A9F05432	A9F03332	A9F04332	A9F05332	A9F03732	A9F04732	A9F03432	A9F04432	A9F05432
A9F03340	A9F04340	A9F05340	A9F03740	A9F04740	A9F03440	A9F04440	A9F05440	A9F03340	A9F04340	A9F05340	A9F03740	A9F04740	A9F03440	A9F04440	A9F05440
A9F03350	A9F04350	A9F05350	A9F03750	A9F04750	A9F03450	A9F04450	A9F05450	A9F03350	A9F04350	A9F05350	A9F03750	A9F04750	A9F03450	A9F04450	A9F05450
A9F03363	A9F04363	A9F05363	A9F03763	A9F04763	A9F03463	A9F04463	A9F05463	A9F03363	A9F04363	A9F05363	A9F03763	A9F04763	A9F03463	A9F04463	A9F05463
6				8				8							
Modules CA907000 and CA907001				Modules CA907000 and CA907001				Modules CA907000 and CA907001							

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					Service breaking capacity (Ics)
	Voltage (Ue)				
Ph/Ph (2P, 3P, 4P)	12 to 133 V	220 to 240 V	380 to 415 V	440 V	100 % of Icu
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	50 % of Icu
6 to 63 A	42 kA	30 kA	15 kA	10 kA	

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

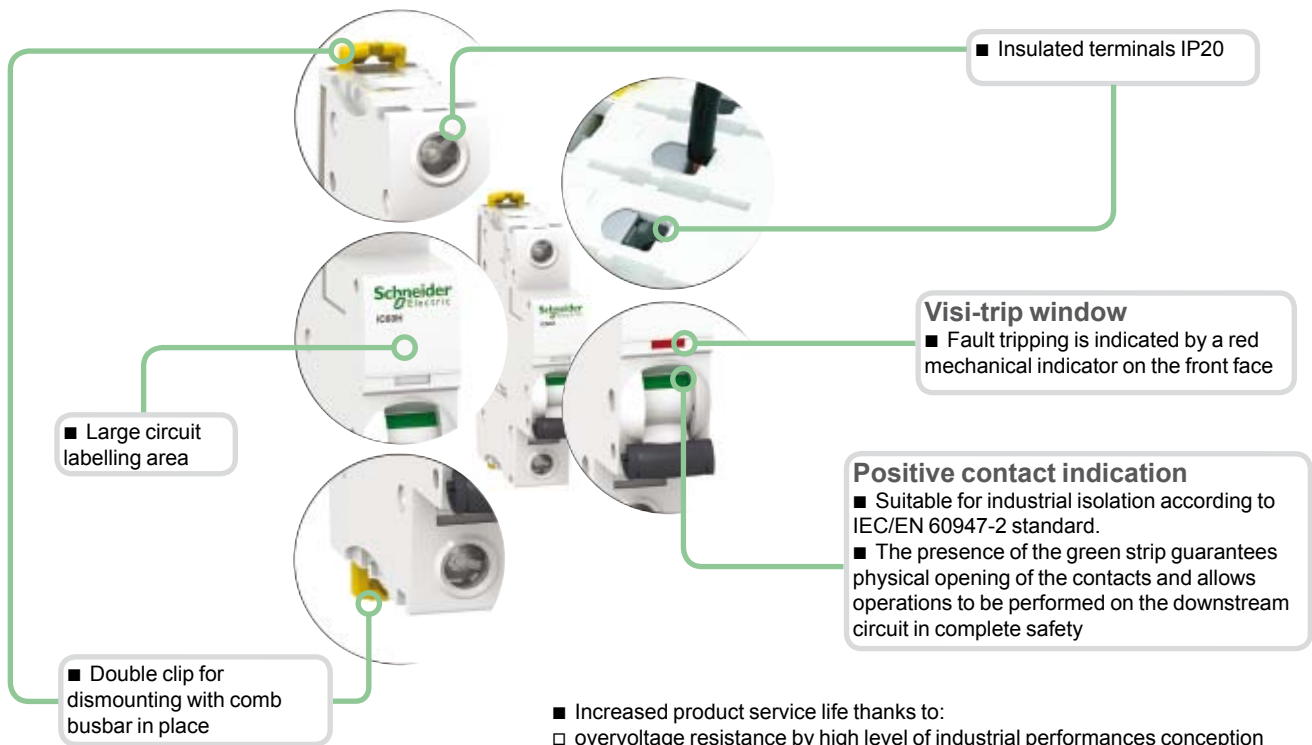
Catalogue numbers

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.)

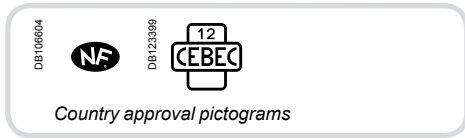
PB104495-40



- 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		
E46004			E46006			E46007		
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		

iID residual current circuit breakers (AC type)



IEC/EN 61008-1
IEC/EN 61008-2-1

Voltage Independent



- The iID residual current circuit breakers provide:
 - protection of persons against electric shock by direct contact (≤ 30 mA),
 - protection of persons against electric shock by indirect contact (≥ 100 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

Offer selection see page 151

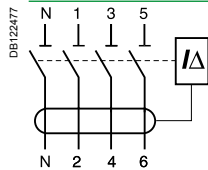
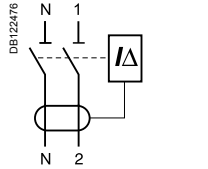
Offer A

This sticker must be removed before publishing

Catalogue numbers

iID residual current circuit breakers

Type	AC	Width in 9 mm module																																																								
Auxiliaries	Module CA907002																																																									
2P	<table border="1"> <thead> <tr> <th>Sensitivity</th> <th>10 mA</th> <th>30 mA</th> <th>100 mA</th> <th>300 mA</th> <th>500 mA</th> <th>300 mA </th> <th>500 mA </th> </tr> </thead> <tbody> <tr> <td>16 A</td> <td>A9R10216</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>25 A</td> <td>A9R10225</td> <td>A9R11225</td> <td>-</td> <td>A9R14225</td> <td>A9R16225</td> <td>-</td> <td>-</td> </tr> <tr> <td>40 A</td> <td>-</td> <td>A9R11240</td> <td>A9R12240</td> <td>A9R14240</td> <td>A9R16240</td> <td>-</td> <td>-</td> </tr> <tr> <td>63 A</td> <td>-</td> <td>A9R11263</td> <td>A9R12263</td> <td>A9R14263</td> <td>A9R16263</td> <td>A9R15263</td> <td>-</td> </tr> <tr> <td>80 A</td> <td>-</td> <td>A9R11280</td> <td>A9R12280</td> <td>A9R14280</td> <td>-</td> <td>A9R15280</td> <td>-</td> </tr> <tr> <td>100 A</td> <td>-</td> <td>A9R11291</td> <td>A9R12291</td> <td>A9R14291</td> <td>-</td> <td>A9R15291</td> <td>-</td> </tr> </tbody> </table>	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA	500 mA	16 A	A9R10216	-	-	-	-	-	-	25 A	A9R10225	A9R11225	-	A9R14225	A9R16225	-	-	40 A	-	A9R11240	A9R12240	A9R14240	A9R16240	-	-	63 A	-	A9R11263	A9R12263	A9R14263	A9R16263	A9R15263	-	80 A	-	A9R11280	A9R12280	A9R14280	-	A9R15280	-	100 A	-	A9R11291	A9R12291	A9R14291	-	A9R15291	-	4
Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA	500 mA																																																			
16 A	A9R10216	-	-	-	-	-	-																																																			
25 A	A9R10225	A9R11225	-	A9R14225	A9R16225	-	-																																																			
40 A	-	A9R11240	A9R12240	A9R14240	A9R16240	-	-																																																			
63 A	-	A9R11263	A9R12263	A9R14263	A9R16263	A9R15263	-																																																			
80 A	-	A9R11280	A9R12280	A9R14280	-	A9R15280	-																																																			
100 A	-	A9R11291	A9R12291	A9R14291	-	A9R15291	-																																																			
4P	<table border="1"> <thead> <tr> <th>Sensitivity</th> <th>10 mA</th> <th>30 mA</th> <th>100 mA</th> <th>300 mA</th> <th>500 mA</th> <th>300 mA </th> <th>500 mA </th> </tr> </thead> <tbody> <tr> <td>25 A</td> <td>-</td> <td>A9R11425</td> <td>-</td> <td>A9R14425</td> <td>A9R16425</td> <td>-</td> <td>-</td> </tr> <tr> <td>40 A</td> <td>-</td> <td>A9R11440</td> <td>A9R12440</td> <td>A9R14440</td> <td>A9R16440</td> <td>A9R15440</td> <td>A9R17440</td> </tr> <tr> <td>63 A</td> <td>-</td> <td>A9R11463</td> <td>A9R12463</td> <td>A9R14463</td> <td>A9R16463</td> <td>A9R15463</td> <td>A9R17463</td> </tr> <tr> <td>80 A</td> <td>-</td> <td>A9R11480</td> <td>A9R12480</td> <td>A9R14480</td> <td>A9R16480</td> <td>A9R15480</td> <td>A9R17480</td> </tr> <tr> <td>100 A</td> <td>-</td> <td>A9R11491</td> <td>A9R12491</td> <td>A9R14491</td> <td>-</td> <td>A9R15491</td> <td>-</td> </tr> </tbody> </table>	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA	500 mA	25 A	-	A9R11425	-	A9R14425	A9R16425	-	-	40 A	-	A9R11440	A9R12440	A9R14440	A9R16440	A9R15440	A9R17440	63 A	-	A9R11463	A9R12463	A9R14463	A9R16463	A9R15463	A9R17463	80 A	-	A9R11480	A9R12480	A9R14480	A9R16480	A9R15480	A9R17480	100 A	-	A9R11491	A9R12491	A9R14491	-	A9R15491	-	8								
Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA	500 mA																																																			
25 A	-	A9R11425	-	A9R14425	A9R16425	-	-																																																			
40 A	-	A9R11440	A9R12440	A9R14440	A9R16440	A9R15440	A9R17440																																																			
63 A	-	A9R11463	A9R12463	A9R14463	A9R16463	A9R15463	A9R17463																																																			
80 A	-	A9R11480	A9R12480	A9R14480	A9R16480	A9R15480	A9R17480																																																			
100 A	-	A9R11491	A9R12491	A9R14491	-	A9R15491	-																																																			
Voltage rating (Ue)	2P	230 - 240 V																																																								
	4P	400 - 415 V																																																								
Operating frequency		50/60 Hz																																																								
Accessories	Module CA907000 and CA907001																																																									



Vigi iC60 add-on residual current devices (AC type)



IEC/EN 61009-1
IEC/EN 61009-2-1

Voltage Independent



- Combined with iC60 circuit breaker, the Vigi iC60 provide:
 - protection of persons against electric shock by direct contact (≤ 30 mA),
 - protection of persons against electric shock by indirect contact (≥ 100 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

Catalogue numbers

Vigi iC60 add-on residual current devices				
Type	AC			Width in 9 mm modules
Auxiliaries		Without auxiliaries		
2P	Sensitivity	30 mA	300 mA	
	Rating	25 A	A9V01225	A9V04225
		40 A	A9V01240	A9V04240
		63 A	A9V01263	A9V04263
Voltage rating (Ue)		130 V		
Operating frequency		50/60 Hz		
Accessories		Module CA907000		

Vigi iC60 add-on residual current devices									
Type	AC								Width in 9 mm modules
Auxiliaries		Without auxiliaries							
2P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA	1000 mA	
	Rating	25 A	A9V10225	A9V11225	A9V12225	A9V14225	A9V16225	-	3
		40 A	-	A9V11240	-	A9V14240	A9V16240	-	4
		63 A	-	A9V11263	A9V12263	A9V14263	A9V16263	A9V15263	A9V19263
	Rating	25 A	-	A9V11325	-	A9V14325	A9V16325	-	6
		40 A	-	A9V11340	-	A9V14340	A9V16340	-	7
		63 A	-	A9V11363	-	A9V14363	A9V16363	A9V15363	A9V19363
	Rating	25 A	-	A9V11425	A9V12425	A9V14425	A9V16425	-	6
		40 A	-	A9V11440	-	A9V14440	A9V16440	-	7
		63 A	-	A9V11463	A9V12463	A9V14463	A9V16463	A9V15463	A9V19463
Voltage rating (Ue)		230 - 240 V, 400 - 415 V							
Operating frequency		50/60 Hz							
Accessories		Module CA907000							

Vigi iC60 add-on residual current devices (AC type)



IEC/EN 61009-1
IEC/EN 61009-2-1

Voltage Independent



- Combined with iC60 circuit breaker, the Vigi iC60 provide:
 - protection of persons against electric shock by direct contact (≤ 30 mA),
 - protection of persons against electric shock by indirect contact (≥ 100 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

Catalogue numbers

Vigi iC60 add-on residual current devices					
Type	AC		Width in 9 mm modules		
Auxiliaries	Without auxiliaries				
2P	Sensitivity	30 mA	300 mA		
	Rating	25 A	A9V01225	A9V04225	3
		40 A	A9V01240	A9V04240	4
		63 A	A9V01263	A9V04263	4
Voltage rating (Ue)		130 V			
Operating frequency		50/60 Hz			
Accessories		Module CA907000			

Vigi iC60 add-on residual current devices									
Type	AC								Width in 9 mm modules
Auxiliaries	Without auxiliaries								
2P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA	1000 mA	
	Rating	25 A	A9V10225	A9V41225	A9V12225	A9V44225	A9V16225	-	3
		40 A	-	A9V41240	-	A9V44240	A9V16240	-	4
		63 A	-	A9V41263	A9V12263	A9V44263	A9V16263	A9V15263	A9V19263
	Rating	25 A	-	A9V41325	-	A9V44325	A9V16325	-	6
		40 A	-	A9V41340	-	A9V44340	A9V16340	-	7
		63 A	-	A9V41363	-	A9V44363	A9V16363	A9V15363	A9V19363
	Rating	25 A	-	A9V41425	A9V12425	A9V44425	A9V16425	-	6
		40 A	-	A9V41440	-	A9V44440	A9V16440	-	7
		63 A	-	A9V41463	A9V12463	A9V44463	A9V16463	A9V15463	A9V19463
Voltage rating (Ue)		230 - 240 V, 400 - 415 V							
Operating frequency		50/60 Hz							
Accessories		Module CA907000							



IEC/EN 61009-1
IEC/EN 61009-2-1

Voltage Independent

- Combined with iC60 circuit breaker, the Vigi iC60 provide:
 - protection of persons against electric shock by direct contact (≤ 30 mA),
 - protection of persons against electric shock by indirect contact (≥ 100 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

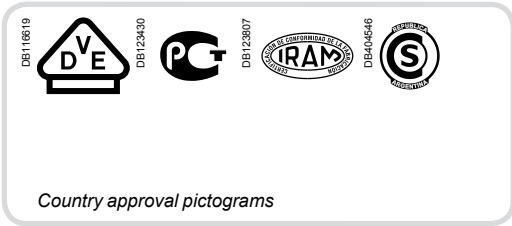
Catalogue numbers

Vigi iC60 add-on residual current devices						
Type	AC					Width in 9 mm modules
Auxiliaries	Without auxiliaries					
2P	Sensitivity	30 mA	300 mA			
	Rating	25 A	A9Q01225	A9Q04225	3	
		40 A	A9Q01240	A9Q04240	4	
		63 A ⁽¹⁾	A9V01263	A9V04263	4	
Voltage rating (Ue)		130 V				
Operating frequency		50/60 Hz				
Accessories		Module CA907000				

(1) Vigi iC60 add-on residual current devices rated at 63 A are VDE approved.

Vigi iC60 add-on residual current devices										
Type	AC									Width in 9 mm modules
Auxiliaries	Without auxiliaries									
2P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA	1000 mA		
	Rating	25 A	A9Q10225	A9Q11225	A9Q12225	A9Q14225	A9Q16225	-	-	3
		40 A	-	A9Q11240	-	A9Q14240	A9Q16240	-	-	4
		63 A ⁽¹⁾	-	A9V11263	A9V12263	A9V14263	A9V16263	A9V15263	A9V19263	4
	Rating	25 A	-	A9Q11325	-	A9Q14325	A9Q16325	-	-	6
		40 A	-	A9Q11340	-	A9Q14340	A9Q16340	-	-	7
		63 A ⁽¹⁾	-	A9V11363	-	A9V14363	A9V16363	A9V15363	A9V19363	7
	Rating	25 A	-	A9Q11425	A9Q12425	A9Q14425	A9Q16425	-	-	6
		40 A	-	A9Q11440	-	A9Q14440	A9Q16440	-	-	7
		63 A ⁽¹⁾	-	A9V11463	A9V12463	A9V14463	A9V16463	A9V15463	A9V19463	7
Voltage rating (Ue)		230 - 240 V, 400 - 415 V								
Operating frequency		50/60 Hz								
Accessories		Module CA907000								

(1) Vigi iC60 add-on residual current devices rated at 63 A are VDE approved.



IEC/EN 60947-3

The switch-disconnectors combine the following functions:

- Control (opening and closing of circuits under load).

iOF auxiliary

- Mounted on the left, it indicates the "open" or "closed" position of the switch and has a normally open (NO) or normally closed (NC) contact.



Catalogue numbers

40 to 125 A iSW switch-disconnectors					
Type				Width in 9 mm modules	
 DB118998	1P	Rating	Voltage (Ue)	2	
	1	40 A	240 V AC		A9S65140
		63 A	240 V AC		A9S65163
	2	100 A	240 V AC		A9S65191
	125 A	240 V AC	A9S65192		
 DB118999	2P	Rating	Voltage (Ue)	4	
	1 3	40 A	415 V AC		A9S65240
		63 A	415 V AC		A9S65263
	2 4	100 A	415 V AC		A9S65291
	125 A	415 V AC	A9S65292		
 DB119000	3P	Rating	Voltage (Ue)	6	
	1 3 5	40 A	415 V AC		A9S65340
		63 A	415 V AC		A9S65363
	2 4 6	100 A	415 V AC		A9S65391
	125 A	415 V AC	A9S65392		
 DB119001	4P	Rating	Voltage (Ue)	8	
	1 3 5 7	40 A	415 V AC		A9S65440
		63 A	415 V AC		A9S65463
	2 4 6 8	100 A	415 V AC		A9S65491
	125 A	415 V AC	A9S65492		
Operating frequency			50/60 Hz		
Accessories			Module CA907000 and CA907001		

Offer selection see page 304



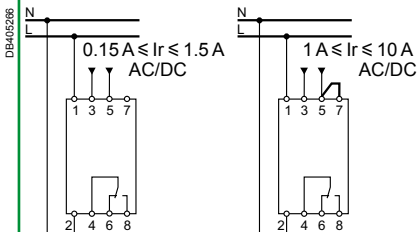
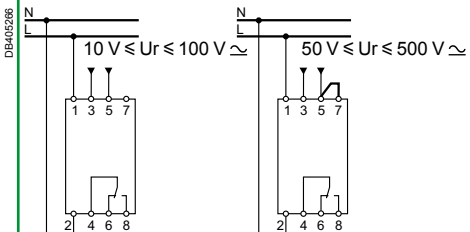
Offer A

This sticker must be removed before publishing






Auxiliary			
Type			Width in 9 mm modules
 DB118910	iOF	Voltage (Ue)	1
		240...415 V AC 24...130 V DC	

iRCP phase control, iRCI current control, iRCU voltage control and iRCC compressor control relays

Control relays		
Type	iRCI Current control	iRCU Voltage control
		
Function	<ul style="list-style-type: none"> Monitors the current (I_r) flowing in an AC or DC circuit and indicates any crossing of the set threshold 	<ul style="list-style-type: none"> Monitors the voltage variation (U_r) of an AC or DC circuit and indicates any crossing of the set threshold
Wiring diagrams		
Catalogue numbers	A9E21181	A9E21182

Common technical specifications		
Supply voltage (U_c)	V AC	230, -15 % à +10 %
Frequency	Hz	50/60
Parameter setting		<ul style="list-style-type: none"> On the front panel, by direct scale, using a screwdriver
Precision of display		±10 % of full scale
Output by changeover contact		8 A under 250 V AC ($\cos \varphi = 1$)
Indications by LED	Green	Voltage presence
	Red	Fault
Consumption	VA	3
Dissipated power	W	2
Degree of protection	Device only	IP20
Connection by tunnel terminals	Rigid cable	1.5 x 6 mm ²
Width in 9-mm modules		4
Operating temperature	°C	-5 ... +55
Storage temperature	°C	-40 ... +80

Particular technical specifications		
	Threshold adjustable from 10 % to 100 % of I_r	Threshold adjustable from 10 % to 100 % of U_r
	Hysteresis adjustable from 5 % to 50 % of I_r	Hysteresis adjustable from 5 % to 50 % of U_r
	Monitoring of overcurrent and undercurrent (selection by selector switch)	
	Fail-safe contact	
	De-energized	
	Energized with fault	
	Energized without fault	
	Time delay on crossing threshold: 0.1 s to 10 s	
	Possibility of memorizing fault with resetting	
	Compatible with current transformers (CTs) of ratio X/5	<ul style="list-style-type: none"> Automatic recognition of AC voltage or DC voltage. 2 measuring ranges selected by cabling: <ul style="list-style-type: none"> 10 V to 50 V 50 V to 500 V
	<ul style="list-style-type: none"> Automatic recognition of alternating or direct current. 2 measuring ranges selected by cabling: <ul style="list-style-type: none"> 0.15 A to 1.5 A 1 A to 10 A 	