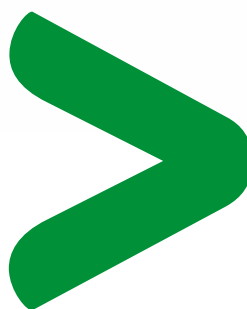


Low voltage

Acti 9

the efficiency you deserve

Catalogue
09/2013



General**Principle of catalogue numbers, protection (Acti 9)**

CA901009E 1

Circuit protection

Choice of circuit protective devices

CA901011E 2

Circuit breaker panorama

CA901000E 4

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Acti 9 Smartlink

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STD, STU dimmers	LSB02325EN	739
TH4, TH7, THP1, THP2 thermostats	LSB02324EN	744

iID, iC60, Vigi iC60, Reflex iC60, switches

A9 R 15 2 63

Range	Family	Code	Internal code	Poles	Code	Rating (A)	Code
Acti 9 (A9)	iID	R		0	0	0	00
	Vigi iC60	V		1P	1	0.5	70
	iC60	F		2P	2	0.75	71
	iK60	K		3P	3	1	01
	Auxiliaries and accessories	A		4P	4	1.6	72
	Switches	S		1N	5	2	02
	Reflex iC60	C		1P+N	6	2.5	73
			3P+N	7	3	03	
					4		04
					6		06
					6.3		76
					8		08
					10		10
					12.5		82
					13		13
					16		16
					20		20
					25		25
					32		32
					40		40
					50		50
					63		63
					80		80
					100		91
					125		92

Comb busbar and comb busbar accessories

A9 X P H 4 12

Range	Family	Code	Type	Type of installation	Number of poles	Dimensioning			
Acti 9 (A9)	Comb busbar	X	Comb busbar		1P	1	Comb busbar		
			Fork teeth	F	Horizontal		H	Number of 18 mm modules (approximately)	
			Pin teeth	P			2P	2	Accessories
			Auxiliarisable	A			3P		Number of pieces per cat. no.
			Accessories				4P		4
			End-piece	E	Double terminals	D	4P balanced, with neutral	5	
			Tooth cover	T	Single terminal	M	3P balanced for single-poles	6	
			Connector	C					



Protection of electrical connections against short circuits and overloads



Protection of loads against overloads



Protection of control devices



Protection for people against indirect contacts in IT and TN earthing systems

- Circuit breakers can:
 - break a faulty electrical circuit (short-circuit, overload, insulation fault), to prevent fires,
 - protect control devices,
 - increase the service life of the installation, thanks to its ability to limit the short-circuit current (see module CA908025),
 - in IT and TN systems, they ensure personal protection against electrocution in the event of indirect contacts.
- The choice of circuit breakers must be optimised to provide absolute protection while ensuring continuity of service.
- Although circuit breakers are sometimes used as control units, it is recommended to install separate control devices which are more suitable for frequent switching operations (switch, contactor, impulse relay).

Choice of protective circuit breakers

This depends on several criteria:

- prospective short-circuit current
- max. voltage rating
- planned amperage for the circuit to be protected
- nature and cross section of cables
- ambient temperature (possible derating)
- the network and neutral system, which determine the number of poles of the protective circuit breaker installed on their power supply circuit and the tripping curve
- coordination with the other electrical devices (protection, discrimination, cascading).

Choice of breaking capacity

- The breaking capacity must be greater than or equal to the prospective short-circuit current (I_{sc}) upstream of the circuit-breaker (I_{sc} depends on the length, type of conductor and cross section of the cable and the power of the source).
- However, in the event of use in combination with an upstream circuit-breaker limiting the current, this breaking capacity can possibly be reduced (cascading, see module 557E4200).

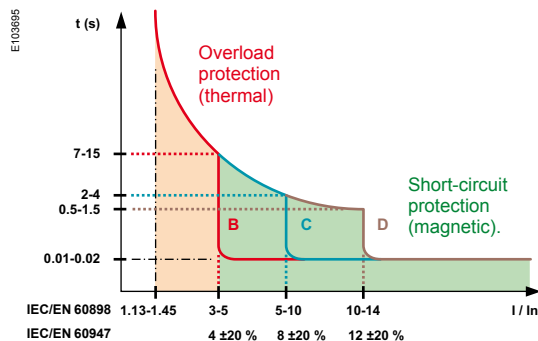
Choice of rating

- The rating (I_n) is chosen above all to protect the electrical connections:
 - for cables: it is chosen according to the cross section and type of conductor,
 - for Canalis prefabricated busbar trunking: it must be simply less than or equal to the rating of the busbar trunking.
- The rating should be greater than the nominal current of the loads.

Choice of tripping curve

The tripping curve makes the protection more or less sensitive to:

- the inrush current at power up
- the overload current.





Tripping thresholds ($\times I_n$)

Curves	IEC /EN 60898	IEC/EN 60947-2
B	Between 3 I_n and 5 I_n	4 $\pm 20\%$
C	Between 5 I_n and 10 I_n	8 $\pm 20\%$
D or K	Between 10 I_n and 14 I_n	12 $\pm 20\%$
MA	-	12 $\pm 20\%$
Z	-	3 $\pm 20\%$

- To prevent nuisance tripping, it may be advisable to choose a less sensitive curve, e.g. change from B to C (tripping curves, see module CA908024).

Selection guide (cont.)

Circuit breakers

Type		C120N	C120H
			
Standard		IEC/EN 60898-1	IEC/EN 60898-1
Quality label		Country approval pictogram	Country approval pictogram
Number of poles		1P, 2, 3, 4P	1P, 2, 3, 4P
Add-on residual current devices (Vigi)		■	■
Auxiliaries for remote tripping and indication		■	■
Electrical characteristics			
Curves		B, C, D	B, C, D
Ratings (A)	In	63 to 125	63 to 125
Maximum operational voltage (V)	Ue	AC (50/60 Hz)	240/415, 440
	max	DC	125 per pole
Minimum operational voltage (V)	Ue	AC (50/60 Hz)	12
	min	DC	12
Insulation voltage (V AC)	Ui	500	500
Rated impulse withstand voltage (kV)	Uimp	6	6
Breaking capacity			
IEC/EN 60898 (A)	Icn	230/400 V	10000
			10000
			15000
			15000
AC-Breaking capacity	Ue	(50/60 Hz)	1P
			2, 3, 4P
			1P
			2, 3, 4P
Ratings (A)	In	63 to 125	63 to 125
IEC 60947-2 (kA)	Icu	110...130 V	–
		12...130 V	20
		220...240 V	10
		380...415 V	3 ⁽¹⁾
		440 V	–
		500 V	–
Ics		75 % of Icu	50 % of Icu
DC-Breaking capacity			
	Ue	DC	
IEC 60947-2 (kA)	Icu	12...125 V (1P)	15
		≤ 144 V (1P)	10
		≤ 250 V (2P)	10
		≤ 375 V (3P)	10
		≤ 500 V (4P)	10
Ics		100 % of Icu	100 % of Icu
Other characteristics			
Suitable for industrial isolation according to IEC/EN 60947-2		■	■
Reference temperature IEC/EN 60947-2		50°C	50°C
Fault tripping indication		–	–
Positive contact indication		■	■
Fast closing		■	■
Degree of protection	IP	Device only	IP20
		Device in modular enclosure	IP40
For more detail, see module		CA901015	CA901016
Accessories		CA907012 and CA907013	CA907012 and CA907013
Auxiliaries		CA907008 and CA907013	CA907008 and CA907013
Earth leakage module (Vigi)		CA902016	CA902016

(1) Breaking capacity under 1 pole with IT isolated neutral system (case of double fault).

C120N circuit breakers (curves C, D)



Country approval pictograms



IEC/EN 60947-2

C120N 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, 2P, 3P, 4P	230 to 400 V	75 % of Icu
Rating (In) 80 and 100 A	10 kA	

Direct current (DC)

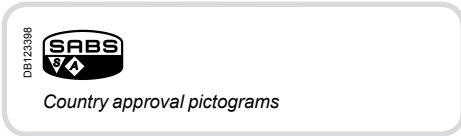
Breaking capacity (Icu) according to IEC/EN 60947-2	Voltage (Ue)					Service breaking capacity (Ics)
	Between +/-	≤ 144 V	≤ 250 V	≤ 375 V	≤ 500 V	
	1P	2P	3P	4P		100 % of Icu
Rating (In) 80 and 100 A	15 kA	10 kA	10 kA	10 kA	10 kA	

Catalogue numbers

C120N circuit breaker

Type	1P	2P	3P	4P
Auxiliaries	Remote indication and tripping, module CA907008 and CA907013	Remote indication and tripping, module CA907008 and CA907013	Remote indication and tripping, module CA907008 and CA907013	Remote indication and tripping, module CA907008 and CA907013
Vigi C120	Vigi C120 add-on residual current device, module CA902016	Vigi C120 add-on residual current device, module CA902016	Vigi C120 add-on residual current device, module CA902016	Vigi C120 add-on residual current device, module CA902016
Rating (In)	Curve C D	Curve C D	Curve C D	Curve C D
80 A	A9N60729 A9N60745	A9N60733 A9N60749	A9N60737 A9N60753	A9N60741 A9N60757
100 A	A9N60730 A9N60746	A9N60734 A9N60750	A9N60738 A9N60754	A9N60742 A9N60758
Width in 9-mm modules	3	6	9	12
Accessories	Module CA907012 and CA907013	Module CA907012 and CA907013	Module CA907012 and CA907013	Module CA907012 and CA907013

C120H circuit breakers (curve C)



IEC/EN 60947-2

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	230 to 400 V	50 % of Icu
Rating (In)	80 and 100 A	

Direct current (DC)

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

Catalogue numbers

C120H circuit breaker					
Type	1P	2P	3P	4P	
Auxiliaries	Remote indication and tripping, module CA907008 and CA907013	Remote indication and tripping, module CA907008 and CA907013	Remote indication and tripping, module CA907008 and CA907013	Remote indication and tripping, module CA907008 and CA907013	
Vigi C120	Vigi C120 add-on residual current device, module CA902016	Vigi C120 add-on residual current device, module CA902016	Vigi C120 add-on residual current device, module CA902016	Vigi C120 add-on residual current device, module CA902016	
Rating (In)	Curve C	Curve C	Curve C	Curve C	
80 A	A9N60777	A9N60781	A9N60785	A9N60789	
100 A	A9N60778	A9N60782	A9N60786	A9N60790	
Width in 9-mm modules	3	6	9	12	
Accessories	Module CA907012 and CA907013	Module CA907012 and CA907013	Module CA907012 and CA907013	Module CA907012 and CA907013	

PB107917-40

■ Terminals insulated to IP20



■ Location for 4 clip-on terminal markers

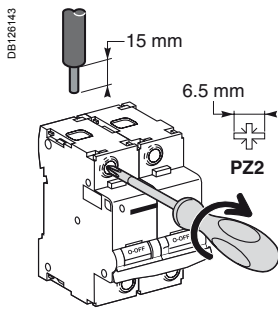


Positive contact indication

- Suitability for isolation in the industrial sector to IEC/EN 60947-2.
- The presence of the green strip guarantees that the contacts open physically and allows work to be carried out safely on the downstream circuit.

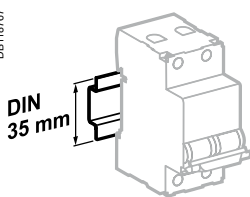
- Longer product service life thanks to:
 - good overvoltage withstand capacity: products designed to offer a high industrial performance level (degree of pollution, rated impulse withstand voltage and insulation voltage).
 - high limitation performances (see limitation curves).
 - fast closure independent of toggle operating speed.
- Remote indication of the open/closed/tripped state by auxiliary contacts (optional).
- Power supply from above or below.

Connection

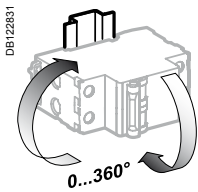


Rating	Tightening torque	Without access.		With accessories			
		Rigid/semi-rigid	Flexible or with ferrule	50 mm ² Al Terminal	Screw-on connection for ring terminal ⁽¹⁾	Rigid cables	Flexible cables
		DB122845	DB122846	DB122835	DB118789	DB118787	
80 and 100 A	3.5 N.m	1 to 50 mm ²	1.5 to 35 mm ²	16 to 50 mm ²	Ø 5 mm	3 x 16 mm ²	3 x 10 mm ²

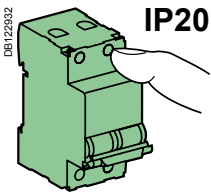
(1) For lugs up to 63 A, front or rear access.



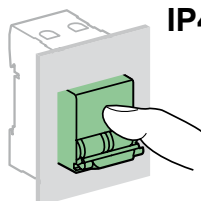
Clips onto 35 mm DIN rail.



Any installation position.



IP20



IP40

Technical data

Main characteristics

To IEC/EN 60947-2

Insulation voltage (U _i)	500 V AC	
Degree of pollution	3	
Rated impulse withstand voltage (U _{imp})	6 kV	
Thermal tripping	Reference temperature	50°C
Magnetic tripping	Curve C	8 I _n ± 20 %
	Curve D	12 I _n ± 20 %
Limitation class	3	

Additional characteristics

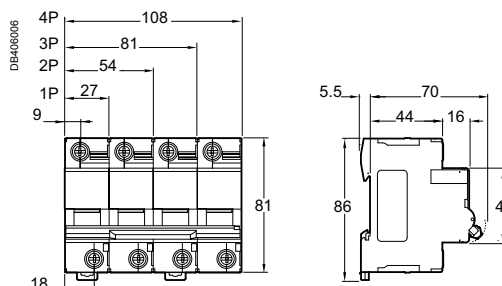
Degree of protection (IEC 60529)	Device only	IP20
	Device in a modular enclosure	IP40
Endurance (O-C)	Electrical	5000 cycles (O-C)
	Mechanical	20000 cycles
Operating temperature	-30°C to +70°C	
Storage temperature	-40°C to +80°C	
Tropicalisation (IEC 60068-1)	Treatment 2 (relative humidity 95 % at 55°C)	

Weight (g)

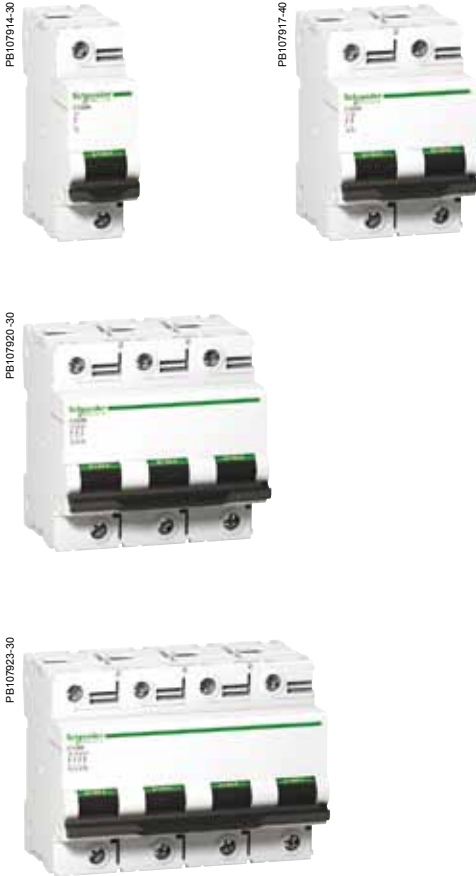
Circuit breaker

Type	C120
1P	205
2P	410
3P	615
4P	820

Dimensions (mm)



C120N circuit breakers (curves B, C, D)



IEC/EN 60898-1, IEC 60947-2

C120N 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		75 % of Icu
Rating (In) 63 to 125 A	20 kA	10 kA	3 kA ⁽¹⁾	-		
2P/3P/4P	12 to 130 V	220 to 240 V	380 to 415 V	440 V		75 % of Icu
63 to 125 A	-	20 kA	10 kA	6 kA		

Breaking capacity (Icn) to IEC/EN 60898-1		
Type	Voltage (V)	
1P, 2P, 3P, 4P	230 to 400 V	
Rating (In) 63 to 125 A	10000 A	
	75 % 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)
Between +/-	Voltage (Ue)						
	12 to 125 V	≤ 144 V	≤ 250 V	≤ 375 V	≤ 500 V		
Number of poles	1P	2P	3P	4P			
Rating (In) 63 to 125 A	15 kA	10 kA	10 kA	10 kA	10 kA	100 % of Icu	

Catalogue numbers

C120N circuit breaker

Type	1P	2P
Auxiliaries	Remote indication and tripping, module CA907008 and CA907013	Remote indication and tripping, module CA907008 and CA907013
Vigi C120	Vigi C120 add-on residual current device, module CA902016	Vigi C120 add-on residual current device, module CA902016
Rating (In)	Curve	Curve
	B C D	B C D
63 A	A9N18340 A9N18356 A9N18378	A9N18344 A9N18360 A9N18382
80 A	A9N18341 A9N18357 A9N18379	A9N18345 A9N18361 A9N18383
100 A	A9N18342 A9N18358 A9N18380	A9N18346 A9N18362 A9N18384
125 A	A9N18343 A9N18359 A9N18381	A9N18347 A9N18363 A9N18385
Width in 9-mm modules	3	6
Accessories	Module CA907012 and CA907013	Module CA907012 and CA907013

⁽¹⁾ Country France only

C120N circuit breakers (curves B, C, D) (cont.)

PB107817-40

■ Terminals insulated to IP20



■ Location for 4 clip-on terminal markers

Positive contact indication

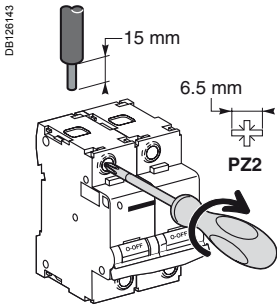
- Suitability for isolation in the industrial sector to IEC/EN 60947-2.
- The presence of the green strip guarantees that the contacts open physically and allows work to be carried out safely on the downstream circuit.

- Longer product service life thanks to:
 - good overvoltage withstand capacity: products designed to offer a high industrial performance level (degree of pollution, rated impulse withstand voltage and insulation voltage).
 - high limitation performances (see limitation curves).
 - fast closure independent of toggle operating speed.
- Remote indication of the open/closed/tripped state by auxiliary contacts (optional).
- Power supply from above or below.

3P				4P			
Remote indication and tripping, module CA907008 and CA907013				Remote indication and tripping, module CA907008 and CA907013			
Vigi C120 add-on residual current device, module CA902016				Vigi C120 add-on residual current device, module CA902016			
Curve				Curve			
B		C		D		D	
A9N18348	A9N18364	A9N18386	A9N18352	A9N18371	A9N18390		
A9N18349	A9N18365	A9N18387	A9N18353	A9N18372	A9N18391		
A9N18350	A9N18367	A9N18388	A9N18354	A9N18373(1)	A9N18392		
A9N18351	A9N18369	A9N18389	A9N18355	A9N18374	A9N18393		
				A9N18375(1)			
				A9N18376			
				A9N18377(1)			
9				12			
Module CA907012 and CA907013				Module CA907012 and CA907013			

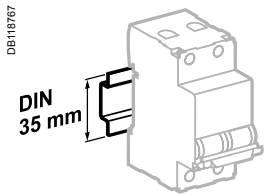
C120N circuit breakers (curves B, C, D) (cont.)

Connection

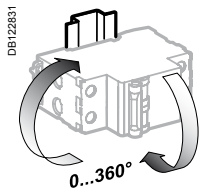


Rating	Tightening torque	Without access.		With accessories		
		Rigid/semi-rigid	Flexible or with ferrule	50 mm ² Al Terminal	Screw-on connection for ring terminal ⁽¹⁾	Multi-cable terminal
		DBI122845	DBI122846	DBI122835	DBI18789	DBI18787
63 to 125 A	3.5 N.m	1 to 50 mm ²	1.5 to 35 mm ²	16 to 50 mm ²	Ø 5 mm	3 x 16 mm ² / 3 x 10 mm ²

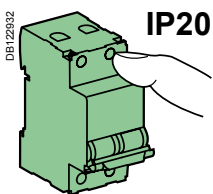
(1) For lugs up to 63 A, front or rear access.



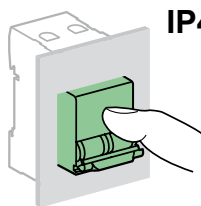
Clips onto 35 mm DIN rail.



Any installation position.



IP20



IP40

Technical data

Main characteristics

To IEC/EN 60947-2

Insulation voltage (U _i)	500 V AC
Degree of pollution	3
Rated impulse withstand voltage (U _{imp})	6 kV
Thermal tripping Reference temperature	50°C

To IEC/EN 60898-1

Magnetic tripping	Curve B	3 and 5 I _n
	Curve C	5 and 10 I _n
	Curve D	10 and 14 I _n
Limitation class		3

Additional characteristics

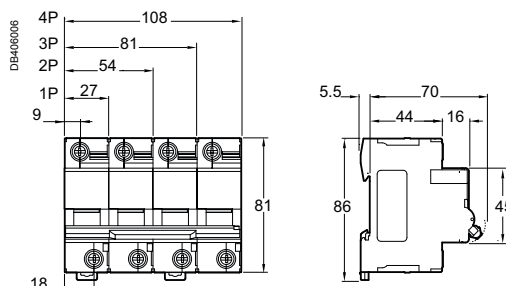
Degree of protection (IEC 60529)	Device only	IP20	
	Device in a modular enclosure	IP40	
Endurance (O-C)	Electrical	63 A	10000 cycles (O-C)
		80...125 A	5000 cycles (O-C)
	Mechanical		20000 cycles
Operating temperature		-30°C to +70°C	
Storage temperature		-40°C to +80°C	
Tropicalisation (IEC 60068-1)		Treatment 2 (relative humidity 95 % at 55°C)	

Weight (g)

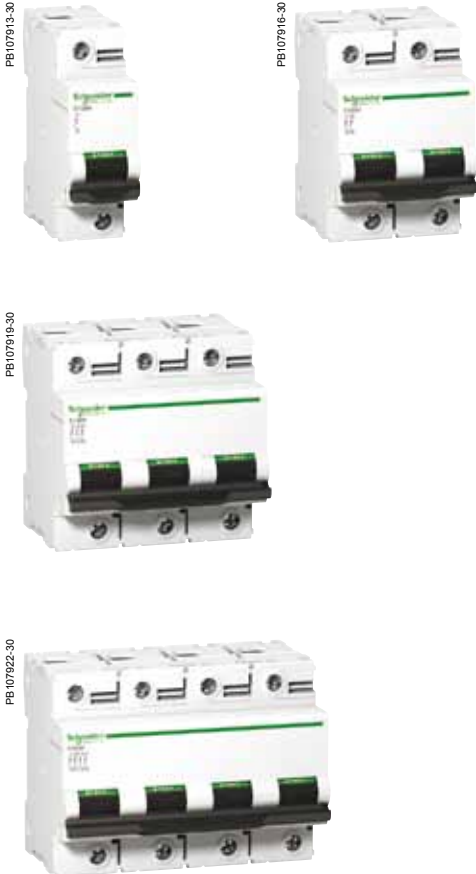
Circuit breaker

Type	C120N
1P	205
2P	410
3P	615
4P	820

Dimensions (mm)



C120H circuit breakers (curves B, C, D)



IEC/EN 60898-1, IEC 60947-2

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) 63 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
63 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) 63 to 125 A	15000 A		

⁽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)
Between +/-	Voltage (Ue)						
	12 to 125 V	≤ 144 V	≤ 250 V	≤ 375 V	≤ 500 V		
Number of poles	1P	2P	3P	4P			
Rating (In) 63 to 125 A	20 kA	15 kA	15 kA	15 kA	15 kA	100 % of Icu	

Catalogue numbers

C120H circuit breaker

Type	1P	2P
Auxiliaries	Remote indication and tripping, module CA907008 and CA907013	Remote indication and tripping, module CA907008 and CA907013
Vigi C120	Vigi C120 add-on residual current device, module CA902016	Vigi C120 add-on residual current device, module CA902016
Rating (In)	Curve	Curve
	B C D	B C D
63 A	A9N18401 A9N18445 A9N18489	A9N18412 A9N18456 A9N18500
80 A	A9N18402 A9N18446 A9N18490	A9N18413 A9N18457 A9N18501
100 A	A9N18403 A9N18447 A9N18491	A9N18414 A9N18458 A9N18502
125 A	A9N18404 A9N18448 A9N18492	A9N18415 A9N18459 A9N18503
Width in 9 mm modules	3	6
Accessories	Module CA907012 and CA907013	Module CA907012 and CA907013

C120H circuit breakers (curves B, C, D) (cont.)

PB107916-40

■ Terminals insulated to IP20



■ Location for 4 clip-on terminal markers



Positive contact indication

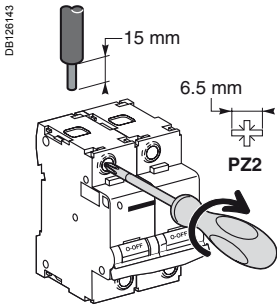
- Suitability for isolation in the industrial sector to IEC/EN 60947-2.
- The presence of the green strip guarantees that the contacts open physically and allows work to be carried out safely on the downstream circuit.

- Longer product service life thanks to:
 - good overvoltage withstand capacity: products designed to provide a high industrial performance level (degree of pollution, rated impulse withstand voltage and insulation voltage).
 - high limitation performances (see limitation curves).
 - fast closure independent of toggle operating speed.
- Remote indication of the open/closed/tripped state by auxiliary contacts (optional).
- Power supply from above or below.

3P			4P		
Remote indication and tripping, module CA907008 and CA907013			Remote indication and tripping, module CA907008 and CA907013		
Vigi C120 add-on residual current device, module CA902016			Vigi C120 add-on residual current device, module CA902016		
Curve			Curve		
B	C	D	B	C	D
A9N18423	A9N18467	A9N18511	A9N18434	A9N18478	A9N18522
A9N18424	A9N18468	A9N18512	A9N18435	A9N18479	A9N18523
A9N18425	A9N18469	A9N18513	A9N18436	A9N18480	A9N18524
A9N18426	A9N18470	A9N18514	A9N18437	A9N18481	A9N18525
9			12		
Module CA907012 and CA907013			Module CA907012 and CA907013		

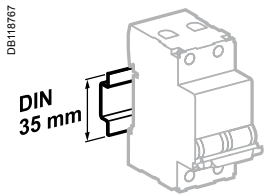
C120H circuit breakers (curves B, C, D) (cont.)

Connection

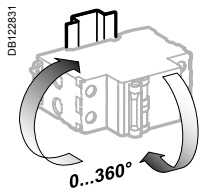


Rating	Tightening torque	Without access.		With accessories			
		Rigid	Flexible or with ferrule	50 mm ² Al term.	Screw-on connection for ring terminal ⁽¹⁾	Rigid cables	Flexible cables
63 to 125 A	3.5 N.m	DB1122945	DB1122946	DB1122935	DB1118769	DB1118767	
		1 to 50 mm ²	1.5 to 35 mm ²	16 to 50 mm ²	Ø 5 mm	3 x 16 mm ²	3 x 10 mm ²

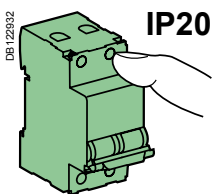
(1) For lugs up to 63 A, front or rear accessories.



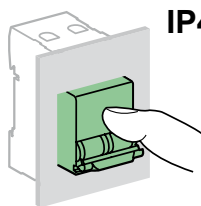
Clips onto 35 mm DIN rail.



Any installation position.



IP20



IP40

Technical data

Main characteristics

To IEC/EN 60947-2

Insulation voltage (U _i)	500 V AC
Degree of pollution	3
Rated impulse withstand voltage (U _{imp})	6 kV
Thermal tripping	Reference temperature
	50°C

To IEC/EN 60898-1

Magnetic tripping	Curve B	3 and 5 I _n
	Curve C	5 and 10 I _n
	Curve D	10 and 14 I _n
Limitation class		3

Additional characteristics

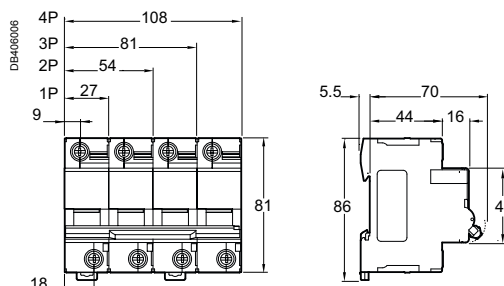
Degree of protection (IEC 60529)	Device only	IP20	
	Device in a modular enclosure	IP40 (IPXXD)	
Endurance (O-C)	Electrical	63 A	10000 cycles (O-C)
		80...125 A	5000 cycles (O-C)
	Mechanical		20000 cycles
Operating temperature		-30°C to +70°C	
Storage temperature		-40°C to +80°C	
Tropicalisation (IEC 60068-1)		Treatment 2 (relative humidity 95% at 55°C)	

Weight (g)






Circuit breaker

Type	C120H
1P	205
2P	410
3P	615
4P	820







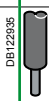
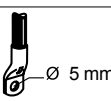
Dimensions (mm)




Accessories for C120, DPN, DPN Vigi, C60H-DC, SW60-DC, C60NA-DC, C60PV-DC, iSW devices (cont.)

Safety							
Accessories	Screw shield		Terminal shield			Interpole barrier	Spacer
							
Function	Prevents all contact with the fixing screws <ul style="list-style-type: none"> ■ The degree of protection becomes IP40 ■ Sealable, max. diameter 1.2 mm ■ Dividable 		Prevents all contact with the terminals <ul style="list-style-type: none"> ■ Degree of protection becomes IP40 ■ Sealable, max. diameter 1.2 mm <ul style="list-style-type: none"> ■ 1P ■ 1P ■ 2P ■ 3P: 1 x 26975 + 1 x 26976 ■ 4P: 2 x 26976 			Improves the insulation between the connections: cables, terminals, lugs, etc.	<ul style="list-style-type: none"> ■ Used to: <ul style="list-style-type: none"> □ complete the rows □ separate the devices ■ Width: 1 x 9 mm module ■ Allows that 2 cables are routed from one row to another (above and below), up to 6 mm²
Cat. numbers	18527	26981	18526	26975	26976	27001	A9N27062
Set of	2 (4P dividable)		2 (for upstream/downstream terminal)			10	1
Suitable for the following devices:							
C120, C120NA-DC	■	–	■	–	–	■	■
Vigi C120	–	–	–	–	–	–	■
DPN, DPN Vigi	–	–	–	–	–	–	■
C60H-DC	–	■	–	■	■	■	■
SW60-DC, C60NA-DC, C60PV-DC	–	■	–	–	–	■	■
iSW	–	■ iSW 40 to 125 A	–	■ iSW 40 to 125 A	–	■ iSW 40 to 125 A	■

Accessories for C120, DPN, DPN Vigi, C60H-DC, SW60-DC, C60NA-DC, C60PV-DC, iSW devices (cont.)

		Connection				
Accessories	Multi-cable terminal	50 mm ² Al terminal	Screw-on connection for ring terminal	Connection kit for ring terminals	Terminal for rear connector	
						
	DB118780	DB118782	DB123897	058967N-23	DB118784	
Function						
	For 3 copper cables: ■ Rigid up to 16 mm ² ■ Flexible up to 10 mm ²	For 16 to 50 mm ² aluminium cables	For lug tipped cables, front or rear mounting	For terminal up to 63 A, front or rear access (screw Ø 5 mm) ■ It incorporates a "conductive" part and an "insulating" part which ensures the phase-to-phase clearance	For cable up to 50 mm ² or by terminal ■ Supplied with a 1P terminal shield	
						
	DB118787	DB122835	DB118789			
Cat. numbers	19091	19096	27060	27053	17400	18528
Set of	4	3	1	8	2	2
C120, C120NA-DC	■	■	■	■	-	■
Vigi C120	■	■	■	-	-	-
DPN, DPN Vigi	-	-	-	■	-	-
C60H-DC, iSW 40 to 125 A	■	■	■	■	■	-
SW60-DC, C60NA-DC	■	■	■	■	-	-
C60PV-DC	-	-	-	■	-	-
Tightening torque	2 N.m		10 N.m	2 N.m	-	-
Stripping length	11 mm		13 mm	-	-	-
Tools to be used	Diameter 5 mm or PZ2		Hc 1/5" or 5 mm	Diameter 5 mm	Diameter 5 mm	-

		Identification			
Accessories	Clip-on terminal marker strip				
					
	031294D_SE23				
Function					
		For connection identification			
Cat. numbers	0: AB1-R0 1: AB1-R1 2: AB1-R2 3: AB1-R3 4: AB1-R4 5: AB1-R5 6: AB1-R6 7: AB1-R7 8: AB1-R8 9: AB1-R9	A: AB1-GA B: AB1-GB C: AB1-GC D: AB1-GD E: AB1-GE F: AB1-GF G: AB1-GG H: AB1-GH I: AB1-GI J: AB1-GJ	K: AB1-GK L: AB1-GL M: AB1-GM N: AB1-GN O: AB1-GO P: AB1-GP Q: AB1-GQ R: AB1-GR S: AB1-GS T: AB1-GT	U: AB1-GU V: AB1-GV W: AB1-GW X: AB1-GX Y: AB1-GY Z: AB1-GZ +: AB1-R12 -: AB1-R13 Blank : AB1-RV	
Set of	250				
C120, C120NA-DC	■ 4 markers max. per pole				
Vigi C120	■ 4 markers max. per device				
DPN, DPN Vigi	■ 4 markers max. per pole				
C60H-DC, SW60-DC, C60NA-DC, C60PV-DC	■ 4 markers max. per pole				