

SIZED FOR

YOUR EVOLVING NEEDS

Acti9 & Resi9

Two modular distribution platforms that combine compact design, flexibility, and future-ready functionality – brought together in one catalog.

Earth leakage protection

Residual current devices RCBO

6000 A

Country approval pictograms



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

As per the above standard:
Residual current devices RCBO
Residual current devices RCBO provide the following functions of earth leakage protection and circuit protection.

- Earth leakage protection:
 - protection of persons against electric shock by direct contact,
 - protection of installations against insulation fault,
 - protection of installations against the risk of fire.
- Circuit protection:
 - circuit protection against short-circuit currents,
 - circuit protection against overload currents,
 - disconnection.

A type
A type detects pure sinusoid and pulsating DC residual current.
It is recommended for protection of:
■ Class I electronic appliance: washing machine, dishwasher, cooking plate, dryer.

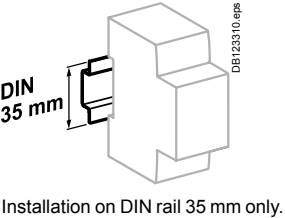
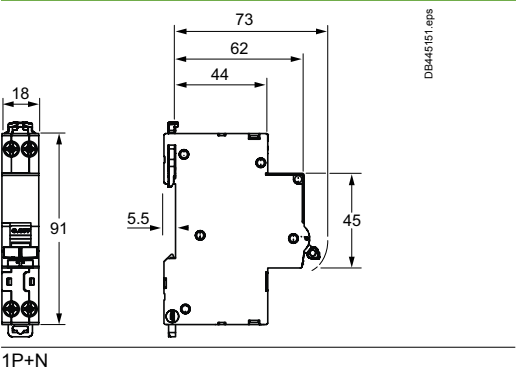
Type	Voltage rating (Ue) (V CA)	Sensitivity (mA)	Rating (A)	Cat. No	Width
1P+N	230	30	10	A	2
				C curve	
				R9DX55610	
				R9DX55613	
			16	R9DX55616	

Earth leakage protection

Residual current devices RCBO

6000 A

Dimensions (mm)



Weight (g)	
1P+N	125

Technical data

Main characteristics		
Voltage rating (Ue)		230 V AC
Operating frequency		50 Hz
Insulation voltage (Ui)		440 V AC
Magnetic tripping	C curve	Between 5 and 10 In
According to IEC/EN 61009-2-1		
Rated residual breaking and making capacity (IΔm)		6000 A
Additional characteristics		
Endurance (O-C)	Mechanical	10000 cycles
	Electrical	10000 cycles
Degree of protection (IEC 60529)	Device only	IP20
	Device in modular enclosure	IP40 Insulation class II
Operating temperature	A type	-25°C to +60°C
Storage temperature		-40°C to +80°C

Connection		
Tightening torque	Copper cables	
	Rigid	Flexible or with ferrule
2 N.m		
	1 to 16 mm²	1 to 10 mm²

Protection, Earth leakage protection

Acti9 iCVm40N residual current devices RCBO 6000 A

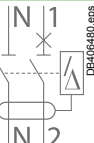


IEC/EN 61009-1
IEC/EN 61009-2-1

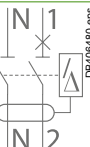
- As per the above standard:
The residual current devices offers the following functions of earth leakage protection and circuit protection.
- Earth leakage protection:
 - protection of persons against electric shock by direct contact (30 mA),
 - protection of persons against electric shock by indirect contact,
 - protection of installations against the risk of fire.
 - Circuit protection:
 - circuit protection against short-circuit currents,
 - circuit protection against overload currents,
 - disconnection.



Catalog numbers

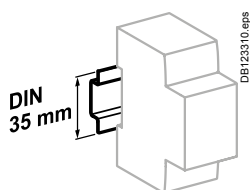
Acti9 iCvM40N RCBO - B curve				
Type		A 		Width in 9-mm modules
1P+N	Sensitivity	30 mA		2
	Rating	10A	A9DXG3610	
		13A	A9DXG3613	
		16A	A9DXG3616	
Auxiliaries		Catalog module CA907047		
Accessories		Catalog modules CA907001 and CA907051		
Comb busbars		Catalog module CA907026		
PowerTag energy sensors		Catalog modules CA907029 and CA908058		

Catalog numbers

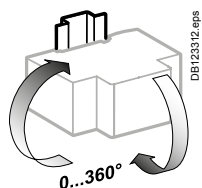
Acti9 iCVm40N RCBO - C curve					
Type		A 	A-SI 	Width in 9-mm modules	
1P+N	Sensitivity	30 mA	30 mA		
	Rating	10A	A9DXC3610	A9DXF3610	2
		13A	A9DXC3613	A9DXF3613	
		16A	A9DXC3616	A9DXF3616	
		20A	A9DXC3620	-	
		25A	A9DXC3625	-	
		32A	A9DXC3632	-	
Auxiliaries		Catalog module CA907047			
Accessories		Catalog modules CA907001 and CA907051			
Comb busbars		Catalog module CA907026			
PowerTag energy sensors		Catalog modules CA907029 and CA908058			

Protection, Earth leakage protection

Acti9 iCVM40N residual current devices RCBO (cont.) 6000 A

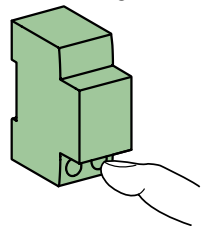


Installation on DIN rail 35 mm only.

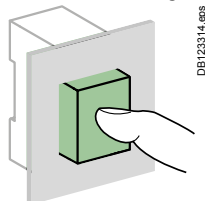


Indifferent position of installation.

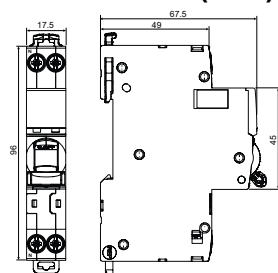
IP20



IP40



Dimensions (mm)



Residual current devices 1P+N

Technical data

Main characteristics		
Insulation voltage (Ui)	Phase-to-neutral	440 V
Voltage rating (Ue)	Phase-to-neutral	230 V
Operating frequency		50 Hz
According to EN 61009-2-1		
Rated impulse withstand voltage (Uimp)		4 kV
Magnetic tripping	B curve	3 to 5 In
	C curve	5 to 10 In
Operating temperature		30°C
Limitation class		3
Rated breaking capacity (Icn)		6000 A
Service breaking capacity (Ics)		100 % Icn
Rated residual breaking and making capacity (IΔm)	IEC 61009-2-1	500 A
	EN 61009-2-1	6000 A
8/20 μs impulse withstand without tripping	A type	250 A
	A-SI type	3 kA
Pollution degree		2
Behaviour in case of voltage drop		Residual current protection down to 0 V according to NF/EN 61009-1 § 3.3.8
According to IEC/EN 60947-2		
Breaking capacity (Icu)		10 kA
(only referring to internal short-circuit test)		
Service breaking capacity (Ics)		50 % Icu
(only referring to internal short-circuit test)		
Additional characteristics		
Degree of protection (IEC 60529)	Device only	IP20
	Device in modular enclosure	IP40
		Insulation class II
Endurance (O-C)	Electrical	10000 cycles
	Mechanical	10000 cycles
Operating temperature	A, A-SI types	-25°C to +60°C
Storage temperature		-40°C to +80°C

Weight (g)

Residual current devices	
Type	Acti9 iCVM40N RCBO
1P+N	125

Acti9 iCVM40N residual current devices RCBO

Selectivity Table

Upstream: ComPacT NSXm E/B/F/N/H TM-D,

ComPacT NSXm E/B/F/N/H MicroLogic 4.1

Downstream: iCVM40

 $U_e \leq 440 \text{ V AC}$ ^[1]

Upstream CB	NSXm63 E/B/F/N/H						NSXm160 E/B/F/N/H/TM-D			
Trip unit type	TM-D						TM-D			
Trip unit rating (A)	16	25	32	40	50	63	80	100	125	160
Setting Ir (A)	16	25	32	40	50	63	80	100	125	160

Downstream CB		Selectivity limit (kA)									
CB type	CB rating (A)										
iCVM40N Curves B, C	10	0.5	0.5	0.5	0.5	0.6	0.8	T	T	T	T
	13-16			0.5	0.5	0.6	0.8	T	T	T	T
	20				0.6	0.6	0.8	T	T	T	T
	25					0.6	0.8	T	T	T	T
	32						0.8	3	T	T	T

Note: Respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable, or check curves with Schneider Electric online "Electrical calculation tools".

Upstream CB	NSXm E/B/F/N/H									
Trip unit type	MicroLogic 4.1									
Trip unit rating (A)	25		50			100			160	
Setting Ir (A)	16	25	32	40	50	63	80	100	130	160

Downstream CB		Selectivity limit (kA)									
CB type	CB rating (A)										
iCVM40N Curves B, C	10	0.37	0.37	0.75	0.75	0.75	T	T	T	T	T
	13-16		0.37	0.75	0.75	0.75	T	T	T	T	T
	20				0.75	0.75	T	T	T	T	T
	25					0.75	T	T	T	T	T
	32						T	T	T	T	T

Note: When the upstream device is equipped with MicroLogic 4.1, the table provides selectivity limits for line to line or line to neutral short circuits, selectivity in earth fault condition shall be checked separately.

^[1] 220-230 V AC/380-400 V

4 Selectivity limit = 4 kA.

T Total selectivity, up to the breaking capacity of the downstream circuit breaker.

No selectivity.

Selectivity Table

Upstream: ComPacT NSX100-250 TM-D (3P, 4P),

ComPacT NSX100-250 MicroLogic

Downstream: iCVM40

 $U_e \leq 440 \text{ V AC}^{[1]}$

Upstream CB		NSX100B/F/N/H/S/L/R (3P/4P)								NSX160B/F/N/H/S/L (3P/4P)				NSX250B/F/N/H/S/L/R (3P/4P)		
Trip unit type		TM-D								TM-D				TM-D		
Trip unit rating (A)		16	25	32	40	50	63	80	100	80	100	125	160	160	200	250
Setting Ir (A)		16	25	32	40	50	63	80	100	80	100	125	160	160	200	250
Downstream CB		Selectivity limit (kA)														
CB type	CB rating or Trip unit rating (A)															
iCVM40N Curves B, C	10	0.19	0.3	0.4	0.5	0.5	0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	13-16		0.3	0.4	0.5	0.5	0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	20			0.4	0.5	0.5	0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	25				0.5	0.5	0.5	0.63	0.8	0.63	0.8	T	T	T	T	T
	32					0.5	0.5	0.63	0.8	0.63	0.8	T	T	T	T	T

Upstream CB		NSX100B/F/N/H/S/L/R								NSX160B/F/N/H/S/L				NSX250B/F/N/H/S/L/R		
Trip unit type		MicroLogic ^[2]								MicroLogic ^[2]				MicroLogic ^[2]		
Trip unit rating (A)		40				100				160				250		
Setting Ir (A)		16	25	32	40	40	63	80	100	80	100	125	160	160	200	250
Downstream CB		Selectivity limit (kA)														
CB type	CB rating or Trip unit rating (A)															
iCVM40N Curves B, C	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
	13-16		T	T	T	T	T	T	T	T	T	T	T	T	T	T
	20			T	T	T	T	T	T	T	T	T	T	T	T	T
	25				T	T	T	T	T	T	T	T	T	T	T	T
	32					T	T	T	T	T	T	T	T	T	T	T

^[1] 220-230 V AC/380-400 V^[2] Applicable for all "Distribution" MicroLogic of ComPacT NSX range: 2.2, 4.2, 5.2, 6.2, 7.2. For 4.2 and 7.2 selectivity rules for RCD apply in addition.

Applicable for Generators and Service connection (G and AB type) MicroLogic of ComPacT NSX range but curves shall be checked.

Not applicable for "Motor" MicroLogic of ComPacT NSX range ("M" type).

4 Selectivity limit = 4 kA.

T Total selectivity, up to the breaking capacity of the downstream circuit breaker.

No selectivity.

Note: Respect the basic rules of selectivity, in terms of overload, short-circuit, ground fault and earth leakage when applicable, or check curves with Schneider Electric online "Electrical calculation tools".

Complementary technical information

Cascading

Upstream: iC40, iC60, C120, Com**PacT** NSXm, NSX100, Com**PacT** NSX160, NSX250

Downstream: iCVm40

U_e: 380-415 V AC
(Ph/N 220-240 V AC)

Upstream CB	iC40N	iC60 N	H	L ≤ 25 A	32/40 A	50/63 A	C120 N	H
Icu (kA)	10	10	15	25	20	15	10	15

Downstream CB			Reinforced breaking capacity (kA) according to IEC/EN 60947-2 Annex A						
	Rating (A)	Icu (kA) (Icn (A))							
iCVm40N 1P+N ^[1]	10-20 25-32	10/6000		15	20	20	15		15
				15	15	15	15		15

Upstream CB	NSXm					NSX100						
	E	B	F	N	H	B	F	N	H	S	L	
Icu (kA)	16	25	36	50	70	25	36	50	70	100	150	

Downstream CB			Reinforced breaking capacity (kA) according to IEC/EN 60947-2 Annex A									
	Rating (A)	Icu (kA) (Icn (A))										
iCVm40N 1P+N ^{[1][2]}	10-20 25-32	10/6000	16	20	20	20	20	20	20	20	20	20
			16	16	16	16	16	16	16	16	16	16

Upstream CB	NSX160						NSX250					
	B	F	N	H	S	L	B	F	N	H	S	L
Icu (kA)	25	36	50	70	100	150	25	36	50	70	100	150

Downstream CB			Reinforced breaking capacity (kA) according to IEC/EN 60947-2 Annex A									
	Rating (A)	Icu (kA) (Icn (A))										
iCVm40N 1P+N ^{[1][2]}	10-20 25-32	10/6000	20	20	20	20	20	20	20	20	20	20
			16	16	16	16	16	16	16	16	16	16

[1] U_e = 380-400 V AC (Ph/N 220-230 V AC)

[2] iCVm40N 25–32 A: Individual pole reinforced breaking capacity at phase-to-neutral voltage = 13 kA with upstream ComPacT NSX100/160/250

Dissipated power, Impedance and Voltage drop

Acti9 products

The following table indicates the average dissipated power per pole in W for a current equal to the rating of the device and at the operating voltage.

Rating (A)	0.5	1	1.6	2	2.5	3	4	6	6.3	10	12.5	13	16	20	25	32	40	45	50	63	80	100	125
Circuit breakers																							
iC40, iC40F, iC40N, iC40H 1P+N (1)		2.5		2			2.9	1.4		2.2		2.9	2.9	3.3	4.3	4.4	5.7						
iC40, iC40N, iC40H 3P+N (4)								4		6.8		7.5	7.7	8.1	10.3	10	12.9						
iC40, iC40N, iC40H 3P (4)								3.9		6.9		6.9	7.2	7.2	9	8.4	10.8						
iC60N/H/L	2.3	2.3	2.6	1.9		2.2	2.4	1.3		2.3		2.3	2.4	2.4	3	2.8	3.6		4	5.6			
iC60L-MA			0.7		0.2		0.6		0.9	1.1	1.5		1.6		0.8		2						
C60H-DC	2.2	2.3		2.6		2.2	2.4	2.7		1.8		2.5	2.5	3	3.1	3.5	4.3		4.8	6.1			
C60PV-DC (4)		9.2		10.2		8.9				6.8		7.4	10.4	11.8	12.2								
C120										1.6			2.3	2.8	2.5	3.4	3.5		3.6	4	4.5	6	8
RCBO																							
iCVm40, iCVm40N 1P+N (1)										2.8		3.2	3.7	3.2	3.7	5.3							
iCV40, iCV40N, iCV40H 1P+N (1)				2.1			3	3		2.9		3.6	4.3	5.1	7.6	7.2	10.4						
iCV40N, iCV40H 3P+N, 30 mA (4)								8.1		9.5		11	10	12	12.9	13.4	16.2						
iCV40N, iCV40H 3P+N, 300 mA (4)								8		9.4		10	10	12	12.8	13.2	15						
iSPN Vigi								1.5		1.8			3.2	3.9	4.1	5.6							
iC60N/H RCBO (2)								2		3.2			4.9	6.8	7.6	9.3	14		19.8				
Arc Fault Detection Devices																							
iARC (1)																4.4							
iDPN N VigiARC, iDPN H VigiARC, iDPN ARC (1)								2.9		2.2			3.4	4.6	6.5								
iC40 ARC, iC40N ARC, iC40H ARC, iCV40N ARC, iCV40H ARC (1)								3		2.9		3.3	3.4	4.1	5.5	6.3	8.7						
ARC iC40, VigiARC iC40 (1)															1.2		3						
RCCB																							
iID AC, A, A-SI													1.3		3.2		3.8			3.5	5.6	7	
iID B-SI, iID B EV															0.7		1.8			4.4	7.3		

Note: When the enclosure's thermal balance, consider the 4P devices load is only on 3 phases.

RCBO dissipated power per pole is the sum of circuit breaker dissipated power per pole + add-on residual current device dissipated power per pole.

Example: iC60N (25 A) + Vigi iC60 (30 mA) = 3 + 1.4 = 4.4 W.

(1) Dissipated power indicated in the table is the sum of phase+neutral.

(2) iC60N/H RCBO: 1 m neutral cable included during voltage drop measurement.

(4) Dissipated power indicated in the table is the sum of all poles.

Impedance calculation:

$$Z = P / I^2$$

Z: impedance in Ohms

P: dissipated power in Watts (table values)

I: rating in Amperes

Voltage drop calculation:

$$U = P / I$$

U: voltage drop in Volts

P: dissipated power in Watts (table values)

I: rating in Amperes

Dissipated power, Impedance and Voltage drop (cont.)

The following table indicates the average dissipated power per pole in W for a current equal to the rating of the device and at the operating voltage.

Note: When the enclosure's thermal balance, consider the 4P devices load is only on 3 phases.
(1) Dissipated power indicated in the table is the sum of phase+neutral.
(4) Dissipated power indicated in the table is the sum of all poles.

U: voltage drop in Volts
P: dissipated power in Watts (table values)
I: rating in Amperes

Dissipated power, Impedance and Voltage drop (cont.)

Multi 9 products

The following table indicates the average dissipated power per pole in W for a current equal to the rating of the device and at the operating voltage.

Rating (A)	0.5	1	1.6	2	2.5	3	4	5	6	6.3	8	10	12.5	13	15	16	20	25	30	32	40	45	50	63	80	100	125
Circuit breakers																											
C60BP, C60BPR, C60SP	2.6	1.3		1.7		1.9	2	2.2	1.2		1.7	1.9		2.4	2.3	2.6	2.2	3.4		2.8	3.6	3.9	4.8	4.8			
C60N, C60H, C60L, C60CTRL		1.3		1.7		1.9	2		1.2			1.9		2.4		2.6	2.2	2.7		3.2			4.8	4.3			
N40N (1)		2.5		1.9		2.1	2.6		2.7			2.7				3.2	4.7	4.7		4.6	5.8						
RCCB																											
GFP UL1053																		1.4			3.6			4.4		18	
RCCB ID																		1.4			3.6			4.4			
RCCB-ID 125 A																											7
Add-on residual current devices																											
Vigi C60																		2.8			1.6			3			
Indication auxiliaries																											
OF, SD, OF+SD/OF	C60, ID: see catalog module CM908010																										
Tripping auxiliaries																											
MN, MNs, MNx, MX+OF, MX, MSU	C60, ID: see catalog module CM908010																										

Note: When the enclosure's thermal balance, consider the 4P devices load is only on 3 phases.

RCBO dissipated power per pole is the sum of circuit breaker dissipated power per pole + add-on residual current device dissipated power per pole.

Example: C60N (25 A) + Vigi C60 (25 A) = 2.7 + 2.8 = 5.5 W.

(1) Dissipated power indicated in the table is the sum of phase+neutral.

Impedance calculation:

$$Z = P / I^2$$

Z: impedance in Ohms

P: dissipated power in Watts (table values)

I: rating in Amperes

Voltage drop calculation:

$$U = P / I$$

U: voltage drop in Volts

P: dissipated power in Watts (table values)

I: rating in Amperes

Free space for future upgrades

Sized for more possibilities in the same panel

The new RCBO fits into just 18 mm of space, compared to the previous 36 mm version. With the new miniaturized Resi9 RCBO, you can now:

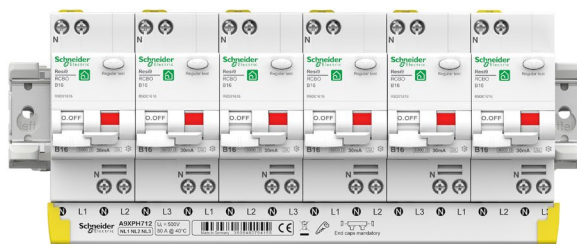
- Add a dedicated feeder for robust protection against overloads, short circuits, and electric shocks, even when the DIN rail is nearly full
- Replace traditional RCCB + MCB 1P setups with RCBO without increasing panel size
- Upgrade MCBs to RCBOs without needing additional space to follow
- Double the number of circuits protected by installing two RCBOs in the space previously occupied by one

This allows you to **upgrade residential installations to meet current standards without enlarging the panel, modifying flush-mounted enclosures or do costly structural changes.**

RCCB + MCB



TRADITIONAL RCBO

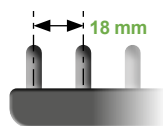


NEW MINIATURIZED RESI9 RCBO



Complementary technical information

Horizontal comb busbars 18 mm modules for Acti9: iC60



IEC/EN 61439-1



Acti9 iC60	18 mm poles, cuttable				
Number of poles	1P	1 (N+P)	3P	4P	3 (N+P)
	L1	N L1	L1 L2 L3	N L1 L2 L3	N L1 N L2 N L3
Type	L1,...	NL1,...	L1L2L3,...	NL1L2L3,...	NL1NL2NL3,...
Set of	1	1	1	1	1
Catalog numbers					
6 modules of 18 mm	A9XPH106	A9XPH206	A9XPH306	-	-
8 modules of 18 mm	-	A9XPH208	-	A9XPH408	-
9 modules of 18 mm	-	-	A9XPH309	-	-
10 modules of 18 mm	-	A9XPH210	-	-	-
11 modules of 18 mm	-	-	A9XPH311	-	-
12 modules of 18 mm	A9XPH112	A9XPH212	A9XPH312	A9XPH412	A9XPH512
16 modules of 18 mm	-	-	A9XPH316	A9XPH416	-
18 modules of 18 mm	-	A9XPH218	A9XPH318	-	A9XPH518
20 modules of 18 mm	-	-	A9XPH320	-	-
24 modules of 18 mm	A9XPH124	A9XPH224	A9XPH324	A9XPH424	A9XPH524
57 modules of 18 mm	A9XPH157	A9XPH257	A9XPH357	A9XPH457	A9XPH557
Technical data					
Operating current at 40°C (Ie)	100 A				
Cross section	16 mm ²				
Short circuit current (Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers				
Rated insulation voltage (Ui)	500 V AC				
Operating voltage (Ue)	415 V AC				
Pollution degree	3				
Fire resistance IEC 695-2-1	Self-extinguishing at 960°C 30 secondes				
Color	RAL 9003				

End-pieces

- insulate end of comb busbar



Tooth covers

- insulate teeth that have been left free

Accessories

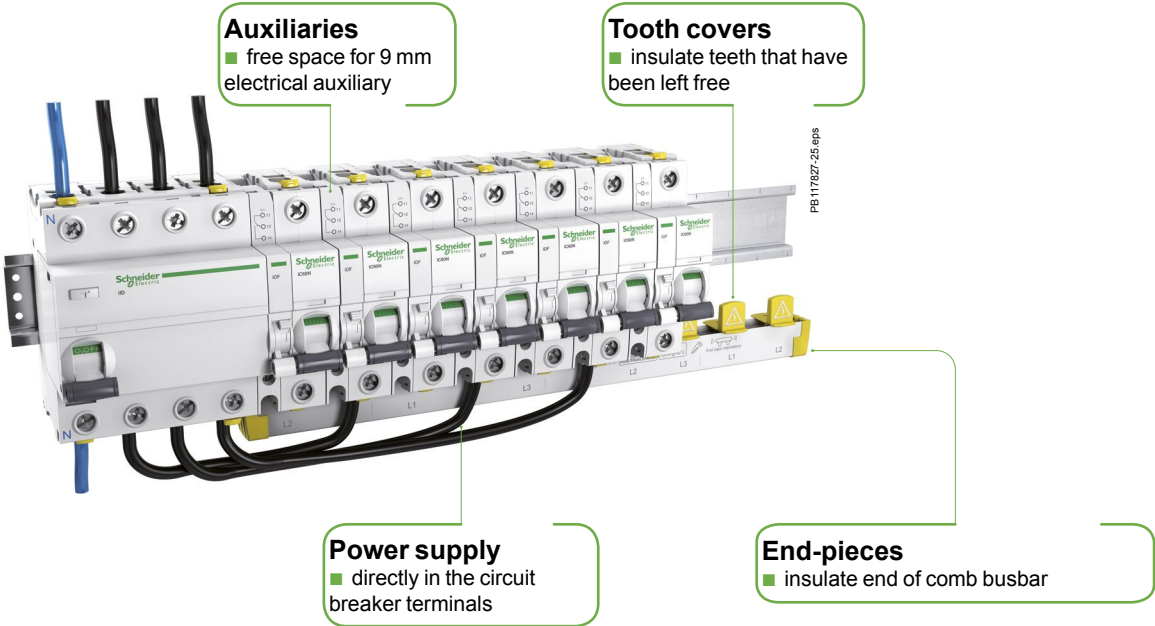
Number of poles	1P Aux+1P	2P Aux+2P	3P Aux+3P 3 (Aux+1P)	4P Aux+4P 3 (Aux+N+1P)		
						
	End-pieces				Tooth covers	Connectors
	Lateral end-pieces providing IP20 protection				Insulate teeth that have been left free	Double terminal
						Comb busbar power supply. Horizontal incomer on each side. For 35 mm ² cable. Tightening torque 4 N.m
Set of	10	10	10	10	20	4
Catalog numbers	A9XPE110	A9XPE210	A9XPE310	A9XPE410	A9XPT920	A9XPCD04

Complementary technical information

Horizontal comb busbars 18 mm modules for Acti9: iC60 (cont.)

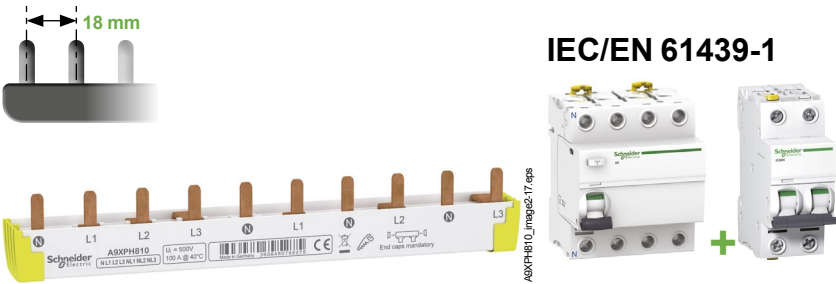


Cuttable comb busbars, 18 mm modules, with 9 mm auxiliary					
Aux+1P	Aux+2P	Aux+3P	Aux+4P	3 (Aux+1P)	3 (Aux+N+1P)
AuxL1,...	AuxL1L2,...	AuxL1L2L3,...	AuxNL1L2L3,...	AuxL1AuxL2AuxL3,...	AuxNL1AuxNL2AuxNL3,...
1	1	1	1	1	1
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
A9XAH157	A9XAH257	A9XAH357	A9XAH457	A9XAH657	A9XAH557



Complementary technical information

Horizontal comb busbars 18 mm modules for Acti9: iLD



Acti9 iLD	18 mm poles, iLD 4P / iC60 1P+N		
Number of poles	Head of group + 3 (N+P) N L1 L2 L3 N L1 N L2 N L3 		
Type	NL1L2L3 / NL1NL2NL3,...		
Set of	1		
Number of 18 mm modules	10	12	14
Catalog numbers	A9XPH810	A9XPH812	A9XPH814

Technical data		
Operating current at 40°C	(Ie)	80 A
Cross section		16 mm²
Short circuit current	(Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers
Rated insulation voltage	(Ui)	500 V AC
Operating voltage	(Ue)	230 V AC (Ph/N) / 400 V AC (Ph/Ph)
Rated impulse withstand voltage	(Uimp)	6 kV
Degree of protection IEC 60529		IP20
Pollution degree		3
Fire resistance IEC 695-2-1		Self-extinguishing at 960°C 30 secondes
Colour		RAL 9003

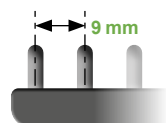
End-pieces
insulate end of comb busbar



Accessories		
	End-pieces	Tooth covers
Use	Lateral end-pieces providing IP20 protection mounted on each side of the comb busbar	Insulate teeth that have been left free
Set of	10	20
Catalog numbers	A9XPE410	A9XPT920

Complementary technical information

Horizontal comb busbars 9 mm modules for Acti9: iDPN, iDPN Vigi



A9XPH712_image.eps

IEC/EN 61439-1



CAUTION

DIFFERENT HEIGHTS OF PRODUCTS
Only connect products with the same height to the same comb busbar.
Failure to follow these instructions can result in injury or equipment damage.

Acti9 iDPN, iDPN Vigi	9 mm poles			
Number of poles	1 (N+P)		3 (N+P)	
Type	NL1,...		NL1NL2NL3,...	
Set of	1		1	
Number of 18 mm mod.	12	24	12	24
Catalog numbers	A9XPH612	A9XPH624	A9XPH712	A9XPH724

Technical data		
Operating current at 40°C	(Ie)	80 A
Cross section		16 mm ²
Short circuit current	(Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers
Rated insulation voltage	(Ui)	500 V AC
Operating voltage	(Ue)	230 V AC 230 V AC (Ph/N) / 400 V AC (Ph/Ph)
Degree of protection IEC 60529		IP20
Pollution degree		3
Fire resistance IEC 695-2-1		Self-extinguishing at 960°C 30 secondes
Color		RAL 9003

End-pieces

- insulate end of comb busbar

Connectors

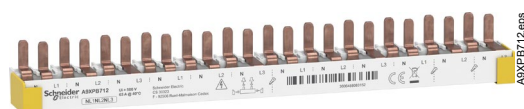
- facilitate comb busbar power supply

Tooth covers

- insulate teeth that have been left free

Accessories					
Number of poles	1P+N	3P+N	For 1P+N comb busbars	For 3P+N comb busbars	
	End-pieces Lateral end-pieces providing IP20 protection		Connectors Comb busbar power supply. Horizontal incomer on each side. For 35 mm ² cable. Tightening torque 4 N.m		Tooth covers Insulate teeth that have been left free
Set of	10		4		20
Catalog numbers	A9XPE210	A9XPE410	A9XPC604	A9XPCM04	A9XPT620

Horizontal slim comb busbars 9 mm modules
for Acti9: iCVm40



6 mm

DIFFERENT HEIGHTS OF PRODUCTS
Only connect products with the same height to the same comb busbar.
Failure to follow these instructions can result in injury or equipment damage.



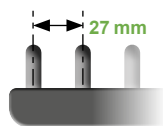
N L1 N L2 N L3

- insulate end of comb busbar

Number of poles	3 (N+P)		
	Tooth covers	End-pieces	Connectors
Set of	20	10	4
Catalog numbers	A9XPT620	R9XE410	A9XPCM04

Complementary technical information

Horizontal comb busbars 27 mm modules for Acti9: C120, NG125



IEC/EN 61439-1



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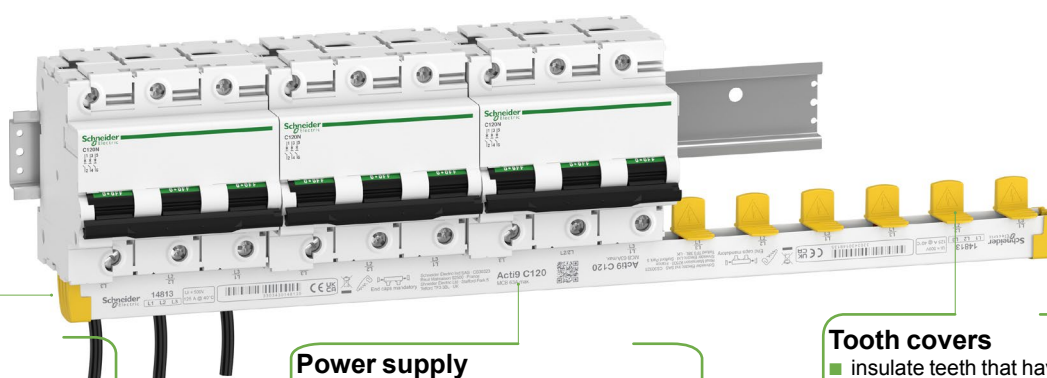


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Acti9 C120, NG125		27 mm poles, cuttable			
Number of poles		1P	2P	3P	4P
		L1	L1 L2	L1 L2 L3	N L1 L2 L3
Number of 27 mm modules		16	16	15	16
Supplied accessories	Tooth covers	5	5	5	5
	End-pieces	4	4	4	4
Catalog numbers		14811	14812	14813	14814

Technical data

Operating current at 40°C	(Ie)	125 A
Short circuit current	(Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers
Maximum current per outgoing line		63 A
Rated insulation voltage	(Ui)	500 V AC
Operating voltage	(Ue)	500 V AC
Pollution degree		3
Fire resistance IEC 695-2-1		Self-extinguishing at 960°C 30 secondes
Color		RAL 9003



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End-pieces

- insulate end of comb busbar

Power supply

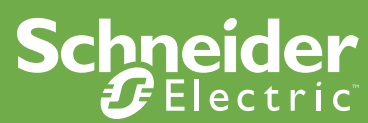
- directly in the circuit breaker terminals

Tooth covers

- insulate teeth that have been left free

Accessories

Number of poles	1P	2P	3P	4P	-
End-pieces					Tooth covers
Lateral end-pieces providing IP20 protection					Insulate teeth that have been left free
Set of	10	10	10	10	20
Catalog numbers	A9XPE110	A9XPE210	A9XPE310	A9XPE410	A9XPT920



Schneider Electric Danmark A/S
Lautrupvang 1 · 2750 Ballerup
Telefon: 35 15 90 00 · www.se.com/dk