

AC Miniature Circuit Breakers - xC60



- Breaking Capacity as per IEC 60898 and IS/IEC 60898, Icn = 10kA
- Breaking Capacity as per IEC 60947-2, Icn = 15kA, upto 40A
- Can be used for DC application upto 60V per pole
- Higher system performance with optimized cost: Cascading*
- Increased System Continuity: Discrimination*
- Higher Installation Life: Energy Limitation Class 3, Fast Closure Mechanism
- Ease, Speed and Flexibility of installation - Biconnect, Line-Load Reversible
- Field-fittable auxiliaries for advance protection and monitoring
- Positive Contact Indication for assurance of disconnection

[In] Rated Current (A)	1 Pole Reference	Unit MRP [₹]	2 Pole Reference	Unit MRP [₹]	3 Pole Reference	Unit MRP [₹]	4 Pole Reference	Unit MRP [₹]
Module Width**	1 mod		2 mod		3 mod		4 mod	
MOQ	12 Nos.		6 Nos.		4 Nos.		3 Nos.	

B curve

6	A9N1P06B	296	A9N2P06B	876	A9N3P06B	1430	A9N4P06B	1930
10	A9N1P10B	296	A9N2P10B	876	A9N3P10B	1430	A9N4P10B	1930
16	A9N1P16B	296	A9N2P16B	876	A9N3P16B	1430	A9N4P16B	1930
20	A9N1P20B	296	A9N2P20B	876	A9N3P20B	1430	A9N4P20B	1930
25	A9N1P25B	296	A9N2P25B	876	A9N3P25B	1430	A9N4P25B	1930
32	A9N1P32B	296	A9N2P32B	876	A9N3P32B	1430	A9N4P32B	1930
40	A9N1P40B	640	A9N2P40B	1415	A9N3P40B	2185	A9N4P40B	2780
50	A9N1P50B	640	A9N2P50B	1415	A9N3P50B	2185	A9N4P50B	2780
63	A9N1P63B	640	A9N2P63B	1415	A9N3P63B	2185	A9N4P63B	2780

C curve

1	A9N1P01C	450	A9N2P01C	1220	A9N3P01C	1885	A9N4P01C	2380
2	A9N1P02C	450	A9N2P02C	1220	A9N3P02C	1885	A9N4P02C	2380
3	A9N1P03C	450	A9N2P03C	1220	A9N3P03C	1885	A9N4P03C	2380
4	A9N1P04C	450	A9N2P04C	1220	A9N3P04C	1885	A9N4P04C	2380
6	A9N1P06C	296	A9N2P06C	876	A9N3P06C	1430	A9N4P06C	1930
10	A9N1P10C	296	A9N2P10C	876	A9N3P10C	1430	A9N4P10C	1930
16	A9N1P16C	296	A9N2P16C	876	A9N3P16C	1430	A9N4P16C	1930
20	A9N1P20C	296	A9N2P20C	876	A9N3P20C	1430	A9N4P20C	1930
25	A9N1P25C	296	A9N2P25C	876	A9N3P25C	1430	A9N4P25C	1930
32	A9N1P32C	296	A9N2P32C	876	A9N3P32C	1430	A9N4P32C	1930
40	A9N1P40C	640	A9N2P40C	1415	A9N3P40C	2185	A9N4P40C	2780
50	A9N1P50C	640	A9N2P50C	1415	A9N3P50C	2185	A9N4P50C	2780
63	A9N1P63C	640	A9N2P63C	1415	A9N3P63C	2185	A9N4P63C	2780

D curve

1	A9N1P01D	454	A9N2P01D	1230	A9N3P01D	1920	----	----
2	A9N1P02D	454	A9N2P02D	1230	A9N3P02D	1920	A9N4P02D	2395
3	A9N1P03D	454	A9N2P03D	1230	A9N3P03D	1920	A9N4P03D	2395
4	A9N1P04D	454	A9N2P04D	1230	A9N3P04D	1920	A9N4P04D	2395
6	A9N1P06D	382	A9N2P06D	918	A9N3P06D	1505	A9N4P06D	2005
10	A9N1P10D	382	A9N2P10D	918	A9N3P10D	1505	A9N4P10D	2005
16	A9N1P16D	382	A9N2P16D	918	A9N3P16D	1505	A9N4P16D	2005
20	A9N1P20D	382	A9N2P20D	918	A9N3P20D	1505	A9N4P20D	2005
25	A9N1P25D	382	A9N2P25D	918	A9N3P25D	1505	A9N4P25D	2005
32	A9N1P32D	382	A9N2P32D	918	A9N3P32D	1505	A9N4P32D	2005
40	A9N1P40D	692	A9N2P40D	1495	A9N3P40D	2315	A9N4P40D	2910
50	A9N1P50D	692	A9N2P50D	1495	A9N3P50D	2315	A9N4P50D	2910
63	A9N1P63D	692	A9N2P63D	1495	A9N3P63D	2315	A9N4P63D	2910

Note: * Please contact nearest Schneider Electric Sales Office or Customer Care Center for coordination chart
**18mm/module

Please contact Customer Care Center for Stockable and Non stockable status of references.

☑ NORMAL STOCK ITEMS

W.E.F. June 01, 2017

AC Miniature Circuit Breakers - C120



Suitable for
ComReady
Auxiliary

- Breaking capacity as per IEC 60898, Icn = 10kA/15kA
- Positive Contact Indication for assurance of disconnection
- Degree of pollution: 3 (suitable for industrial environment)
- Operating Temperature: -30 to 70°C
- Terminal connections: Flexible cables up to 35 sq.mm; Rigid cables up to 50 sq.mm

[In] Rated Current (A)	1 Pole Reference	Unit MRP [₹]	2 Pole Reference	Unit MRP [₹]	3 Pole Reference	Unit MRP [₹]	4 Pole Reference	Unit MRP [₹]
Module Width**	1.5 mod		3 mod		4.5 mod		6 mod	
MOQ	12 Nos.		6 Nos.		4 Nos.		3 Nos.	

C120N (10kA)

80	A9N18357	2340	A9N18361	5190	A9N18365	8175	A9N18372	10655
100	A9N18358	2625	A9N18362	5535	A9N18367	8715	A9N18374	11105
125	A9N18359	2830	A9N18363	6085	A9N18369	9655	A9N18376	12565

C120H (15kA)

80	A9N18446	2805	A9N18457	6310	A9N18468	9610	A9N18479	12340
100	A9N18447	3095	A9N18458	6465	A9N18469	10470	A9N18480	13300
125	A9N18448	3380	A9N18459	7340	A9N18470	11295	A9N18481	14450

DC Miniature Circuit Breakers - C60H



Suitable for
ComReady
Auxiliary

- Specially designed MCB for enhanced protection in DC installation
- Magnetic arch chutes to quick break DC current in event of fault
- Breaking capacity 6kA as per IEC 60947-2
- Voltage Rating: 1P - 250 V DC & 2P - 500 V DC
- Impulse Voltage: 6 kV
- Higher Installation Life: Energy Limiting Class: 3

[In] Rated Current (A)	Module Width 18mm/module	1 Pole Reference	Unit LP [₹]	Module Width 18mm/module	2 Pole Reference	Unit LP [₹]
MOQ		12 Nos.			6 Nos.	

C60H-DC

0.5	1	A9N61500	870	2	A9N61520	1840
1	1	A9N61501 ✓	770	2	A9N61521 ✓	1595
2	1	A9N61502 ✓	770	2	A9N61522 ✓	1595
3	1	A9N61503 ✓	770	2	A9N61523 ✓	1595
4	1	A9N61504 ✓	770	2	A9N61524 ✓	1595
5	1	A9N61505	770	2	A9N61525	1595
6	1	A9N61506 ✓	632	2	A9N61526 ✓	1350
10	1	A9N61508 ✓	632	2	A9N61528 ✓	1350
16	1	A9N61511 ✓	632	2	A9N61531 ✓	1350
20	1	A9N61512 ✓	632	2	A9N61532 ✓	1350
25	1	A9N61513 ✓	632	2	A9N61533 ✓	1350
32	1	A9N61515 ✓	632	2	A9N61535 ✓	1350
40	1	A9N61517 ✓	866	2	A9N61537 ✓	1915
50	1	A9N61518 ✓	866	2	A9N61538 ✓	1915
63	1	A9N61519 ✓	866	2	A9N61539 ✓	1915

Special application MCBs



Solar Application – PV DC

- DC MCB for multi string PV installations
- Operating Voltage: 800V DC
- Current Rating up to 25A
- Complies to IEC / EN 60947-2



Rail Application* (including Rolling Stock)

- Fire & smoke Resistant – Level 2 (NF F 16-101, NF F 16-102)
- Shock & vibration resistant (IEC 61373) – Cat 1, Class B
- Breaking Capacity: up to 25kA
- Complies to IEC / EN 60947-2



UL MCB

- Type: UL1077, UL489
- Breaking Capacity of 10kA
- Complies to IEC 60947-2 / UL1077 / UL489 / CSA

Note:

Please contact nearest Schneider Electric sales office or Customer Care for Reference and prices of Application Specific MCBs

*Rail Application RCDs are also available on demand

**18mm/module

Please contact Customer Care Center for Stockable and Non stockable status of references.

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Residual Current Devices

for protection against Risk of Shock / Electrocution and Risk of Fire
in case of Earth Leakage Current.

AC Residual Current Circuit Breakers - xID



- Complies to standards IEC/EN 61008-1 and IS 12640
- AC Class protection
- Selective range available for time based discrimination
- Easy Monitoring: Earth fault indication and Test Button on front face
- Operating temperature up to +70°C
- Mandatory to use OF-S auxiliary to add any indication or tripping auxiliary

[In] Rated Current (A)	Earth-Leakage Sensitivity (mA)	Module Width 18mm/module	2 Pole Reference	Unit MRP [₹]	Module Width 18mm/module	4 Pole Reference	Unit MRP [₹]
25	30	2	A9N16201	3140	4	A9N16251	4290
	100	2	A9N16203	3360	4	A9N16253	4470
	300	2	A9N16202	3460	4	A9N16252	4605
40	30	2	A9N16204	3700	4	A9N16254	4305
	100	2	A9N16205	3915	4	A9N16255	4500
	300	2	A9N16206	4025	4	A9N16256	4675
63	30	2	A9N16208	4370	4	A9N16258	4985
	100	2	A9N16209	4615	4	A9N16259	5315
	300	2	A9N16210	4710	4	A9N16260	5340
80	30	2	A9N16212	7355	4	A9N16261	8625
	100	2	A9N16213	7340	4	A9N16262	8605
	300	2	A9N16214	7475	4	A9N16263	8655

AC Residual Current Circuit Breakers (RCCBs) - ID



- Complies to standards IEC 61008-1 and VDE 0664
- AC Class protection
- Degree of pollution: 3 (suitable for industrial environment)
- Electrical ON/OFF indication by using OFSP auxiliary

Poles Description	[In] Rated Current (A)	Earth-Leakage Sensitivity (mA)	Module Width 18mm/module	Reference	Unit LP [₹]
4P	100	30	4	**A9R11491	10225
		100	4	**A9R12491	10580
	125	30	4	16905	31320
		100	4	16906	31945
		300	4	16907	32095

Note: **For 100A RCCB Auxiliary kindly contact Customer Care

AC Residual Current Breaker Overload (RCBO) - DPN N Vigi



- Complies to standards IEC/EN 61009
- AC Class Protection; Tripping characteristics - C curve
- Overvoltage category (IEC 60364): IV
- Suitable for indication & tripping auxiliaries

Poles Description	[In] Rated Current (A)	Earth-Leakage Sensitivity (mA)	Module Width 18mm/module	Reference	Unit LP [₹]
1P+N	6	30	2	A9N19661	4555
		300	2	A9N19681	4710
	10	30	2	A9N19663	4555
		300	2	A9N19683	4710
	16	30	2	A9N19665	4555
		300	2	A9N19685	4710
	20	30	2	A9N19666	4555
		300	2	A9N19686	4710
	25	30	2	A9N19667	4555
		300	2	A9N19687	4710
	32	30	2	A9N19668	4780
		300	2	A9N19688	4950
	40	30	2	A9N19669	5875
		300	2	A9N19689	6030

Note: Application specific RCDs also available with 10mA, 500mA and 1000mA sensitivities | Please contact nearest Schneider Electric Sales Office or Customer Care Center for Reference and Prices

Please contact Customer Care Center for Stockable and Non stockable status of references.

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Isolator - xSW



- Complies to IEC/EN 60947-3
- Switching duty: AC-22
- Impulse voltage: 6kV
- DC application: 48V (110V with 2 poles in series)
- Short circuit withstand 20 In for 1 second
- Upto 80A Bi connect terminals & 100A to 125A with mono connect terminals

Poles Description	[In] Rated Current (A)	Module Width 18mm/module	MOQ	Reference	Unit MRP [₹]
2	40	2	6	A9S2P040	538
	63	2	6	A9S2P063	712
	80	2	6	A9S2P080	856
	100	2	6	A9S2P100	1230
	125	2	6	A9S2P125	1270
3	40	3	4	A9S3P040	948
	63	3	4	A9S3P063	1110
4	40	4	3	A9S4P040	1195
	63	4	3	A9S4P063	1310
	80	4	3	A9S4P080	1735
	100	4	3	A9S4P100	1935
	125	4	3	A9S4P125	2095

Selector Switch - iSSW



- Complies to IEC 60947-5-1 and IEC 60669-1
- Rating 20A, 250V AC
- Electrical life (AC22): 30,000 cycles
- Connection: tunnel terminals cables up to 10 sq. mm

No. of positions	Poles Description	Contacts	Module Width 18mm/module	MOQ	Reference	Unit MRP [₹]
2	1	1 C/O	1	12	A9E18070	1090
	2	2 C/O	2	6	A9E18071	1505
		1NO + 1NC	1	12	A9E18072	874
3	1	1 C/O	1	12	A9E18073	1070
	2	2 C/O	2	6	A9E18074	1815

iRO Buzzers



- Audible indication in housing and the tertiary sector
- Sound level of 70dBA at a distance of 60cm

Voltage	Module Width 18mm/module	Reference	Unit LP [₹]
230V AC	1	A9A15322	926
8..12V AC	1	A9A15323	776

Please contact Customer Care Center for Stockable and Non stockable status of references.

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Metal Enclosures



- Metal Enclosure to mount individual Modular Device feeding directly to the load or final distribution board

Description	Total Module Cutout	Single Door (IP30) Reference	Unit MRP [₹]	Double Door Metal (IP43) Reference	Unit MRP [₹]
2 way	1 / 2	A9HMES02 <input checked="" type="checkbox"/>	666	-	-
4 way	3 / 4	A9HMES04 <input checked="" type="checkbox"/>	666	-	-

SPN DBs



- SPN DB for distribution of Single Phase Neutral supply to respective load MCBs
- Incomer - DP RCCB/RCBO/Isolator/MCB
- Outgoing - SP MCBs

Description	Total Module Cutout (Incomer + Outgoing)	Single Door (IP30) Reference	Unit MRP [₹]	Double Door Metal (IP43) Reference	Unit MRP [₹]
6 way	6	A9HSNS06	1295	A9HSND06 <input checked="" type="checkbox"/>	1860
8 way	8	A9HSNS08 <input checked="" type="checkbox"/>	1605	A9HSND08 <input checked="" type="checkbox"/>	2125
12 way	12	A9HSNS12	1900	A9HSND12 <input checked="" type="checkbox"/>	2555
18 way	18	A9HSNS18	2505	A9HSND18 <input checked="" type="checkbox"/>	3275

TPN DBs



- Standard TPN DBs for distribution of Three Phase and Neutral supply
- Incomer - FP RCCB/RCBO/Isolator/MCB
- Outgoing - SP MCBs
- TPN DBs can be converted to PPI DB using 'PPI Kit' provided on next page

Description	Total Module Cutout (Incomer + Outgoing)	Single Door (IP30) Reference	Unit MRP [₹]	Double Door Metal (IP43) Reference	Unit MRP [₹]
4 way eco	4 + 12	-	-	A9HTND04E <input checked="" type="checkbox"/>	3990
4 way	8 + 12	A9HTNS04	3530	A9HTND04 <input checked="" type="checkbox"/>	4190
6 way	8 + 18	A9HTNS06	4355	A9HTND06 <input checked="" type="checkbox"/>	5160
8 way	8 + 24	A9HTNS08	5115	A9HTND08 <input checked="" type="checkbox"/>	6195
12 way	8 + 36	A9HTNS12	7585	A9HTND12 <input checked="" type="checkbox"/>	9295

Flexi Tier DBs



- Flexi DBs give total flexibility to mount any type and size of Modular devices as per load requirement
- Provided with N-Bar and E-Bar
- Flexi Tier DBs can be converted to PPI DB using 'PPI Kit' provided on next page

Description	Total Module Cutout (Incomer + Outgoing)	Single Door (IP30) Reference	Unit MRP [₹]	Double Door Metal (IP43) Reference	Unit MRP [₹]
2 Tier 24 Modules	2 x 12	-	-	A9HFD224	5260
3 Tier 36 Modules	3 x 12	-	-	A9HFD336	6320
4 Tier 40 Modules	4 x 10	-	-	A9HFD440 <input checked="" type="checkbox"/>	6680
4 Tier 56 Modules	4 x 14	-	-	A9HFD456 <input checked="" type="checkbox"/>	6980

Note: For all above Reference MOQ = 1

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Per Phase Isolation DBs

- PPI DBs to mount DP Residual Current Device (RCD) at an individual phase level to isolate the faulty phase in case of earth leakage and ensure continuity of supply to other healthy phases
- Incomer - Modular (FP MCB/Isolator) using PPI Kit / MCCB100A (TP/FP Compact NSX or EasyPact CVS)
- Sub-Incomer - DP RCCB/RCBO
- Outgoing - SP MCBs

Description	Total Module Cutout (Incomer + Sub-Incomer + Outgoing)	Single Door (IP30) Reference	Unit MRP ₹	Double Door Metal (IP43) Reference	Unit MRP ₹
12 way	100A MCCB + 6 + 36	-	-	A9HPID12M	13920

PPI Kit (to convert TPN and Flexi Tier DBs to PPI DB)

- Set of accessories to convert TPN DBs and 4 tier Flexi DBs to PPI DB
- Kit is provided with additional required quantity of N-Bar, wire set, Busbars (only for Flexi Tier) and Mounting Kit (only for TPN)

Description	Reference	Unit MRP ₹
PPI Kit for 6way TPN DB (2+4w PPI DB)	A9HKIT04 ✓	2705
PPI Kit for 8way TPN DB (2+6w PPI DB)	A9HKIT06 ✓	3165
PPI Kit for 12way TPN DB (2+10w PPI DB)	A9HKIT10 ✓	3490
PPI Kit for 4T40M Flexi DB (2+8w PPI DB)	A9HKIT08 ✓	5610
PPI Kit for 4T56M Flx DB (2+12w PPI DB)	A9HKIT12 ✓	6205

Phase Segregated DBs

- Phase Segregated DBs to provide total safety for installer and maintenance personnel, by compartmentalizing each Phase and separating Incomer, Sub-Incomer and Outgoing
- Offers better continuity of supply in case of faults during maintenance at DB level.
- Incomer - Modular (FP MCB/Isolator) / MCCB 100A (TP/FP during maintenance Compact NSX or EasyPact CVS)
- Sub-Incomer - DP RCCB/RCBO
- Outgoing - SP MCBs

Description	Total Module Cutout (Incomer + Sub-incomer + Outgoing)	Single Door (IP30) Reference	Unit MRP ₹	Double Door Metal (IP43) Reference	Unit MRP ₹
6 way	8 + 12 + 18	-	-	A9HPGD06 ✓	12365
8 way	8 + 12 + 24	-	-	A9HPGD08 ✓	13810
12 way	8 + 12 + 36	-	-	A9HPGD12	17335
12 way with MCCB I/c	100A MCCB + 12 + 36	-	-	A9HPGD12M	23395

VTPN DBs for Modular Incomer

- Ideal solution to distribute power supply to both 3 Phase and 1 Phase loads in the same DB
- Incomer - FP RCCB/RCBO/Isolator/MCB
- Outgoing - SP MCBs / TP MCBs

Description	Total Module Cutout (Incomer + Outgoing)	Single Door (IP30) Reference	Unit MRP ₹	Double Door Metal (IP43) Reference	Unit MRP ₹
4 way	8 + 12	-	-	A9HVT04 ✓	10365
8 way	8 + 24	-	-	A9HVT08	13185
12 way	8 + 36	-	-	A9HVT12	17650

Note: For all above Reference MOQ = 1

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VTPN DBs for MCCB Incomer



- DBs for higher incoming current distribution up to 250A
- Incomer - TP/FP Compact NSX or EasyPact CVS MCCB up to 250A
- Outgoing - SP MCBs / TP MCBs

Description	Total Module Cutout (Incomer + Outgoing)	Single Door (IP30) Reference	Unit MRP ₹	Double Door Metal (IP43) Reference	Unit MRP ₹
4 way	100A MCCB + 12	-	-	A9HVD04L	11350
8 way	100A MCCB + 24	-	-	A9HVD08L	14385
12 way	100A MCCB + 36	-	-	A9HVD12L	19135
4 way	160A MCCB + 12	-	-	A9HVD04M	12495
8 way	160A MCCB + 24	-	-	A9HVD08M	15570
12 way	160A MCCB + 36	-	-	A9HVD12M	20785
8 way	250A MCCB + 24	-	-	A9HVD08H	26910
12 way	250A MCCB + 36	-	-	A9HVD12H	28370

ComReady DBs



- Designed to house Acti 9 communication system
- Supplied with Double DIN rail, E-Bar and Wire channel.
- Accessories to convert Flexi Tier DB into ComReady DB available on request

Description	Total Module Cutout (Incomer + Outgoing)	Single Door (IP30) Reference	Unit MRP ₹	Double Door Metal (IP43) Reference	Unit MRP ₹
1 Tier 24 Modules	24	-	-	A9HCRD124	7040
2 Tier 48 Modules	48	-	-	A9HCRD248	11405

Metal Clad P&S Units



- Plug & Socket Unit with Electra Plug & Socket and provision to mount modular protection devices to feed the end load directly

Description	Total Module Cutout	Single Door (IP30) Reference	Unit MRP ₹	Double Door Metal (IP43) Reference	Unit MRP ₹
10A 1P+N+E P&S	2	A9HMS210	1700	-	-
20A 1P+N+E P&S	2	A9HMS220	1825	-	-
30A 3P+E P&S	4	A9HMS330	3995	-	-

Industrial P&S Units (provision to mount PratiKa Sockets)



- Plug & Socket Unit with provision to mount PratiKa straight / angled* socket and modular protection devices to feed the end load directly

Description	Total Module Cutout	Single Door (IP30) Reference	Unit MRP ₹	Double Door Metal (IP43) Reference	Unit MRP ₹
16A 3P PK P&S	2	A9HKS316	1570	-	-
32A 3P PK P&S	2	A9HKS332	2600	-	-
32A 5P PK P&S	4	A9HKS532	3085	-	-
63A 5P PK P&S	4	A9HKS563	6230	-	-

*upto 32A socket only

Note: For all above Reference MOQ = 1

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