

NeoBreak Distribution System MCBs, RCCBs & DBs

inspired innovation for round the clock protection

Maximum Retail Prices
effective 19th Dec 2014



Schneider
Electric™

NeoBreak Distribution System

With the changing electrical world, the ways of final low voltage distribution in Industrial, commercial & residential sectors are also changing. As the demand for electricity is increasing, improved operating safety, greater convenience, along with operating cost management are the prime needs. The NeoBreak range is "inspired innovation for round the clock protection"

> NeoBreak MCBs

> NeoBreak RCCBs

> NeoBreak Isolators

> NeoBreak Distribution Boards



Guarding electrical installations



Safety assured



Ease of installation

> NeoBreak MCBs

NeoBreak MCBs are used for protection & isolation of electrical installation against overload & short circuit. They are offered in both 10kA & 6kA breaking capacity. One can select the right MCB depending on the prospective short circuit current at the point of installation.

Thermal Release (for over-load)

Under overload condition the bimetal strip deflects & subsequently operates the tripping mechanism

Magnetic Release (for short circuit)

In case of short circuit, high current flows through the magnetic coil which in turn activates the plunger to strike the tripping mechanism

Features

- Conforms to IS/IEC 60898
- ISI Marking
- 6kA Breaking capacity: C tripping characteristics 6 to 63A with configuration 1P, 1P+N, 2P, 3P, 3P+N, 4P
- 10kA Breaking capacity : B & C tripping characteristics. 6 to 63A with configuration 1P, 1P+N, 2P, 3P, 3P+N, 4P



NeoBreak MCB-6kA						
Rated Current (A)	1Pole Unit MRP (₹)	1Pole+N Unit MRP (₹)	2Pole Unit MRP (₹)	3Pole Unit MRP (₹)	3Pole+N Unit MRP (₹)	4Pole Unit MRP (₹)
6-32	168	542	586	914	1,205	1,300
40	358	746	780	1,320	1,610	1,815
63	488	958	996	1,480	1,815	1,955
Std. Packing	12	6	6	4	3	3

NeoBreak MCB-6kA-C Curve References						
Rated Current (A)	1P	1P+N	2P	3P	3P+N	4P
6	NBKRA61PC06*	NBKRA61NC06	NBKRA62PC06*	NBKRA63PC06*	NBKRA63NC06	NBKRA64PC06
10	NBKRA61PC10*	NBKRA61NC10	NBKRA62PC10*	NBKRA63PC10*	NBKRA63NC10	NBKRA64PC10
16	NBKRA61PC16*	NBKRA61NC16*	NBKRA62PC16*	NBKRA63PC16*	NBKRA63NC16	NBKRA64PC16
20	NBKRA61PC20*	NBKRA61NC20	NBKRA62PC20*	NBKRA63PC20*	NBKRA63NC20	NBKRA64PC20
25	NBKRA61PC25*	NBKRA61NC25	NBKRA62PC25*	NBKRA63PC25*	NBKRA63NC25	NBKRA64PC25
32	NBKRA61PC32*	NBKRA61NC32*	NBKRA62PC32*	NBKRA63PC32*	NBKRA63NC32*	NBKRA64PC32*
40	NBKRA61PC40	NBKRA61NC40	NBKRA62PC40	NBKRA63PC40	NBKRA63NC40	NBKRA64PC40
63	NBKRA61PC63	NBKRA61NC63	NBKRA62PC63	NBKRA63PC63*	NBKRA63NC63*	NBKRA64PC63*

NeoBreak MCB-10kA										
Rated Current (A)	1Pole		1Pole+N		2Pole		3Pole		4Pole	
	B Curve Unit MRP (₹)	C Curve Unit MRP (₹)	B Curve Unit MRP (₹)	C Curve Unit MRP (₹)	B Curve Unit MRP (₹)	C Curve Unit MRP (₹)	B Curve Unit MRP (₹)	C Curve Unit MRP (₹)	B Curve Unit MRP (₹)	C Curve Unit MRP (₹)
0.5		330		786		818		1,145		1,660
1-4		300		674		794		1,050		1,585
6-32	190	206	616	630	622	630	972	992	1,360	1,390
40	414	430	894	926	896	928	1,425	1,440	1,810	1,845
50-63	480	492	1,040	1,065	1,045	1,065	1,520	1,535	1,935	1,975
Std. Packing	12	12	6	6	6	6	4	4	3	3

NeoBreak MCB-10kA-C Curve References					
Rated Current (A)	1P	1P+N	2P	3P	4P
0.5	NBKRA101PC0D5A	NBKRA101NC0D5A	NBKRA102PC0D5A	NBKRA103PC0D5A	NBKRA104PC0D5A
1	NBKRA101PC01A	NBKRA101NC01A	NBKRA102PC01A	NBKRA103PC01A	NBKRA104PC01A
2	NBKRA101PC02A	NBKRA101NC02A	NBKRA102PC02A	NBKRA103PC02A	NBKRA104PC02A
3	NBKRA101PC03A	NBKRA101NC03A	NBKRA102PC03A	NBKRA103PC03A	NBKRA104PC03A
4	NBKRA101PC04A	NBKRA101NC04A	NBKRA102PC04A	NBKRA103PC04A	NBKRA104PC04A
6	NBKRA101PC06A*	NBKRA101NC06A	NBKRA102PC06A	NBKRA103PC06A	NBKRA104PC06A
10	NBKRA101PC10A*	NBKRA101NC10A	NBKRA102PC10A	NBKRA103PC10A	NBKRA104PC10A
16	NBKRA101PC16A*	NBKRA101NC16A	NBKRA102PC16A*	NBKRA103PC16A*	NBKRA104PC16A
20	NBKRA101PC20A*	NBKRA101NC20A	NBKRA102PC20A*	NBKRA103PC20A*	NBKRA104PC20A*
25	NBKRA101PC25A*	NBKRA101NC25A	NBKRA102PC25A*	NBKRA103PC25A*	NBKRA104PC25A*
32	NBKRA101PC32A*	NBKRA101NC32A	NBKRA102PC32A*	NBKRA103PC32A*	NBKRA104PC32A*
40	NBKRA101PC40A*	NBKRA101NC40A	NBKRA102PC40A	NBKRA103PC40A	NBKRA104PC40A
50	NBKRA101PC50A	NBKRA101NC50A	NBKRA102PC50A	NBKRA103PC50A	NBKRA104PC50A
63	NBKRA101PC63A	NBKRA101NC63A	NBKRA102PC63A*	NBKRA103PC63A*	NBKRA104PC63A*

For MCB-10kA-B Curve Replace 'C' with 'B' in codes above. B Curve : From 6-63 A

> NeoBreak RCCBs

NeoBreak RCCBs are designed for protection of human beings and electrical circuits against earth leakage current.

NeoBreak RCCB ensures → Protection against direct & indirect contact (protection of people) - 30mA
Protection against insulation fault (protection of property) - 100mA & 300mA

Features

- Conforms to IS 12640
- ISI marking
- Quick response time (30m Sec much faster than the value specified in standards)



NeoBreak RCCBs					
Rated Current (A)	Sensitivity (in mA)	2Pole		4 Pole	
		Reference	Unit MRP (₹)	Reference	Unit MRP (₹)
25	30	NBKRB225030CA*	2,450	NBKRB425030CA	3,190
	300	NBKRB225300CA	2,500	NBKRB425300CA	3,250
40	30	NBKRB240030CA*	2,495	NBKRB440030CA*	3,200
	100	NBKRB240100CA*	2,620	NBKRB440100CA*	3,360
63	300	NBKRB240300CA	2,545	NBKRB440300CA*	3,255
	30	NBKRB263030CA	3,305	NBKRB463030CA*	3,405
	100	NBKRB263100CA*	3,470	NBKRB463100CA*	3,575
Std. Packing			6		3

* Available ex warehouse

M.R.P w.e.f. 19th Dec 2014

> NeoBreak Isolator

NeoBreak Isolators are used for electrical switching & safe isolation.

Features

- Conforms to IS 13947-3
- Suitable for AC22 duty
- Terminal size suitable for 35sq mm cable
- Positive contact indication



Neobreak Isolators								
Rated Current (A)	1Pole		2Pole		3Pole		4Pole	
	Reference	Unit MRP (₹)	Reference	Unit MRP (₹)	Reference	Unit MRP (₹)	Reference	Unit MRP (₹)
40	NBKRD001PI40	292	NBKRD002PI40*	402	NBKRD003PI40*	808	NBKRD004PI40*	926
63	NBKRD001PI63	340	NBKRD002PI63*	514	NBKRD003PI63*	916	NBKRD004PI63*	942
80	-	-	NBKRD002PI80	684	-	-	NBKRD004PI80*	1,235
Std. Packing		12		6		4		3

Easy reckoner	
<p>> MCB 6kA</p> <p>NBKRA6_C</p> <p>Ratings: (06, 10, etc...)</p> <p>No. of Poles: (1P, 1N, 2P, 3P, 3N, 4P)</p> <p>1307200</p>	<p>> RCCBs</p> <p>NBKRB_CA</p> <p>Sensitivity: (30, 100, 300)</p> <p>Ratings: (25, 40, 63)</p> <p>No. of Poles: (2P, 4P)</p>
<p>> MCB 10kA</p> <p>NBKRA10_A</p> <p>Ratings: (0D5, 01, 02, 03, 04, 06, 10, 16, 20, 25, 32, 40, 50, 63)</p> <p>Tripping Curve B, C: B Curve: From 6-63A C Curve: From 0.5-63A</p> <p>No. of Poles: (1P, 1N, 2P, 3P, 4P)</p> <p>Breaking Capacity 10kA</p>	<p>> Isolator</p> <p>NBKRD00_PI</p> <p>Ratings: (40, 63, 80)</p> <p>No. of Poles: (1P, 2P, 3P, 4P)</p>

> NeoBreak Distribution Boards

NeoBreak Distribution Boards are designed to distribute electrical power in residential and non residential applications.

The offered range is the right choice for effective distribution of electrical power and comprises of neutral link, shorting link, earth link and interconnecting wires.

Features

- Zero error installation
- Independent intermittent shield
- IP 43 for DD, IP 30 for SD



TPN DBs				
No. of Ways	Single Door		Double Door	
	Reference	Unit MRP (₹)	Reference	Unit MRP (₹)
4	NBKRENTHSD04	2,165	NBKRENTHDD04*	2,860
6	NBKRENTHSD06	2,705	NBKRENTHDD06*	3,570
8	NBKRENTHSD08	3,210	NBKRENTHDD08*	4,640
12	NBKRENTHSD12	4,685	NBKRENTHDD12	7,035

SPN DBs				
No. of Ways	Single Door		Double Door	
	Reference	Unit MRP (₹)	Reference	Unit MRP (₹)
4	NBKRENSNSD04	744	NBKRENSNDD04*	1,165
6	NBKRENSNSD06	926	NBKRENSNDD06*	1,295
8	NBKRENSNSD08*	994	NBKRENSNDD08*	1,415
12	NBKRENSNSD12*	1,190	NBKRENSNDD12*	1,755
16	NBKRENSNSD16	1,465	NBKRENSNDD16	2,410

* Available ex warehouse



Vertical TPN DBs

No. of Ways	Single Door		Double Door	
	Reference	Unit MRP (₹)	Reference	Unit MRP (₹)
4	NBKRENTVSD04	5,375	NBKRENTVDD04	7,375
8	NBKRENTVSD08	7,520	NBKRENTVDD08	9,315
12	NBKRENTVSD12	9,785	NBKRENTVDD12	12,465

Vertical TPN DB with 100A 3P/4P Easypact MCCB incomer

Reference	Type	Unit MRP (₹)
NBKRENEZVDD04	VTPN 4 Way Double Door	8,335
NBKRENEZVDD08	VTPN 8 Way Double Door	9,855
NBKRENEZVDD12	VTPN 12 Way Double Door	12,840



Plug & Socket DBs

Reference	Type	Unit MRP (₹)
NBKRENSSP10	10A SP P&S DB	1,145
NBKRENSSP20	20A SP P&S DB	1,195
NBKRENSSN20	20A SPN P&S DB	920
NBKRENSTP20	20A TP P&S DB	2,270
NBKRENSTP30	30A TP P&S DB	2,685



Metal Enclosures

Reference	Type	Unit MRP (₹)
NBKPM1	1 way NeoBreak Metal Enclosure	324
NBKPM2*	2 way NeoBreak Metal Enclosure	324
NBKPM3	3 way NeoBreak Metal Enclosure	370
NBKPM4*	4 way NeoBreak Metal Enclosure	370



Phase Segregated DBs

Reference	Type	Unit MRP (₹)
NBKPSGDD04	4 Way Phase Segregated NeoBreak DB	7,220
NBKPSGDD06	6 Way Phase Segregated NeoBreak DB	8,530
NBKPSGDD08	8 Way Phase Segregated NeoBreak DB	10,185
NBKPSGDD12	12 Way Phase Segregated NeoBreak DB	13,000

Applications:



* Available ex warehouse

Note: Standard Packing Quantity for all Distribution Boards is 1

M.R.P w.e.f. 19th Dec 2014

> Electra-Metal Clad Plugs & Socket

The New Improved Electra Metal Clad Plugs & Sockets are specially designed incorporating the most up-to-date safety, quality and user friendly features for heavy duty industrial applications.

Features

- Casting is made for non-corroding die-cast aluminum alloy combining exceptional compactness with high strength
- Specially insulated interiors have high anti-tracking properties
- Floating contacts in the sockets are self-aligning and facilitates smooth plugging in without undue pressure

Electra - Plug & Socket				
Reference	Poles	Type	Unit MRP (₹)	Std. Packing
AP10	2P	AP10 10A/240C Plug	158	30
AP20	2P	AP20 20A/240C Plug	168	30
BP20	3P	BP20 20A/440V Plug	216	30
BP30	3P	BP30 30A/440V Plug	406	20
CP63	3P+N	CP63 63A/440V Plug	1,845	4
AS10	2P	AS10 10A/240V Socket	160	30
AS20	2P	AS20 20A/240V Socket	198	30
BS20	3P	BS20 30 A/440V Socket	254	30
BS30	3P	BS30 30A/440V Socket	410	20
CS63	3P+N	CS63 63A/440V Socket	1,880	4

> Easy9 Distribution Boards

M.R.P w.e.f. 7th April 2014



Features:

- Ingress Protection levels
 - IP42 for Double Door Versions
 - IP30 for Single Door Versions
- Zero Installation Error: Reduction in Installation time and better mounting accuracy
- Sturdy U-Box design
- Installer friendly design with more wiring space
- Available in Grey colour - aesthetically suitable to all interiors

Easy9 DBs*		M.R.P w.e.f. 7th April 2014
Reference	Description	MRP
EZ9HSS06F	Easy9 DB 6W SPN SD	840
EZ9HSS08F	Easy9 DB 8W SPN SD	910
EZ9HSS12F	Easy9 DB 12W SPN SD	1,115
EZ9HSS18F	Easy9 DB 18W SPN SD	1,445
EZ9HSD06F	Easy9 DB 6W SPN DD	1,215
EZ9HSD08F	Easy9 DB 8W SPN DD	1,360
EZ9HSD12F	Easy9 DB 12W SPN DD	1,705
EZ9HSD18F	Easy9 DB 18W SPN DD	2,325
EZ9HTD04F	Easy9 DB 4W TPN DD	2,820
EZ9HTD06F	Easy9 DB 6W TPN DD	3,515
EZ9HTD08F	Easy9 DB 8W TPN DD	4,570
EZ9HTD12F	Easy9 DB 12W TPN DD	6,865
EZ9HSN20F	Easy9 DB 20A SP+N Plug & Socket	860

Warranty



Retail Business

- > Schneider Electric India Private Limited, (here in after referred to as "Schneider Electric"), shall, at its sole discretion, repair or replace products, if the products are found to be defective, solely as a result of faulty material and/or workmanship, within 10 years from the date of purchase, in the case of final distribution products.
- > The products covered under the warranty would include MCBs and Isolators, and doesn't include RCCBs and Distribution Boards. ("Products").
- > This warranty defines Schneider Electric India's entire liability & does not cover any consequential loss or damage, or any re-installation costs arising from the defective products.
- > Schneider Electric India reserves the right to change/improve the design of its Products, without prior notice. In such cases, replacements shall be carried out, with the prevalent / existing design of the accessories prevailing at that point in time.
- > This warranty for above Products shall be rendered null & void in case of the following:
 - If the original Schneider Electric distribution boards have not been used to mount the MCBs & accessories.
 - If any attempt has been made to rectify, dismantle, tamper or alter the product by any third party vendor or by the Customer himself.
 - If the products are not installed as per the appropriate design specifications...
- > Disputes if any will be subject to exclusive jurisdiction of courts at Delhi.

Also available from Schneider Electric



ZENcelo
Full-FLAT Switch

Vivace
Stylish & Elegant Switch

* Available ex warehouse

About Schneider Electric

As a global specialist in energy management, Schneider Electric offers integrated solutions across multiple market segments, including leadership positions in energy and infrastructure, industrial processes, building automation, and data centres/networks, as well as a broad presence in residential applications.

Focused on making energy safe, reliable, and efficient, the Company is committed to help individuals and organizations **"Make the most of their energy"**.



Schneider Electric Worldwide



€ 24
billion sales in 2013



43
% of sales in new economies



160000 +
people in 100+ countries



4-5%
Revenue devoted to R&D

Schneider Electric in India



19000 +
employees



31
Global Manufacturing Plants



10 +
Distribution Centres



1000 +
R&D engineers in Bangalore



1
Regional Project & Engineering Centre



Schneider Electric India Pvt. Ltd.

Corporate Office : 9th Floor, DLF Building No. 10, Tower C, DLF Cyber City, Phase II, Gurgaon - 122002, Haryana, Tel: 0124 3940400, Fax: 0124 4222036
www.schneider-electric.com

Customer Care Centre: Toll-free numbers: 1800 425 4272, 1800 103 0011
General number: 0124 4222040, Email: customer care.in@schneider-electric.com

Retailer's Stamp

