

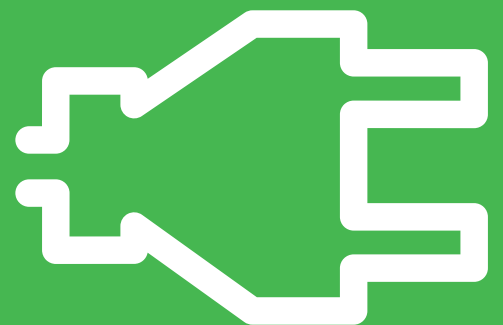
Life Is On

Schneider
Electric

 Price List

Low Voltage Distribution Products

With effect from January 18th, 2019



schneider-electric.co.in

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Panel C-42 // 10:30 a.m.

Please check on Breaker 5.
Higher load than normal.

Panel C-42 // 10:30 a.m.

Save that energy, Elena.
I believe in you. 😊

Now, your electrical panel is your
partner in energy efficiency.

Give it a voice with EcoStruxure™
Power from Schneider Electric



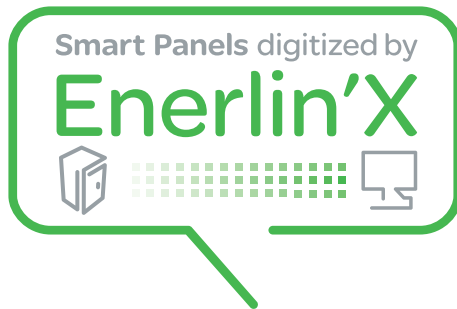
schneider-electric.com/smart-panels

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Ethernet-Ready Smart Panels

Ethernet-ready Smart Panels enable electrical distribution control and expertise. 'Protect' - 'Measure' - 'Connect' are the 3 pillars of their technology.



PB115755_M.indd



Act

Connect

Give a voice to the panel

Ethernet network data transmission is now part of the intrinsic design of protection and metering devices.

Measure

Keeping a close eye on energy flows

The switchboard plays a key role in capturing building related data, by gathering the protection and metering component's data.

Protect

Electrical protection is at the core of Smart Panels

High-performance technology is present in every breaker and every residual current device.

Future Time Savings, Peace-Of-Mind

Access to Smart Panel status and values are important for taking advantage of monitoring and management services, locally or remotely.

Act in small/medium buildings

with FDM128, Com'X 510, PowerView, EcoStruxure™ Facility Expert

PB111801-60.eps



Electrical device monitoring and control with FDM128, locally



Optimizing energy-efficiency

- Visualize, record energy consumption and WAGES
- Comply with regulations

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Com'X 510 web pages direct display, or Cloud based pages from other devices with PowerView.



Improving continuity of service

- Get instant notifications
- Manage with assets-maintenance platform
- Get and analyze data for quick crisis-recovery

DD345919_1.ai



Distance management with EcoStruxure™ Facility Expert on Smartphone, tablet, PC



Increasing maintenance efficiency

- Operate preventive maintenance tools
- Follow maintenance & planning
- Provide business owner instant access to maintenance reports

Day-To-Day Energy Management

For simply dealing with building user's needs and energy constraints.
EcoStruxure™ Building Management provides electrical management, monitoring and energy accounting.

Act in large non-critical buildings

with EcoStruxure™ Energy Expert



Managing equipment & key assets

- Check operating status, faults on custom one-line diagrams



Monitoring electrical network

- Observe voltage disturbances, harmonics on graphics
- Read power factor



Accounting energy

- Record power meter data on dashboards
- Allocate energy consumption with costs
- Follow conservation goals

Power Availability & Quality, Energy Performance

Energy decisions are often crucial in large critical buildings.

EcoStruxure™ Power Monitoring Expert (software for PC) collects Smart Panels values to provide expert analysis.

Act in large critical buildings

with EcoStruxure™ Power Monitoring Expert ^[1]

DB425657.ai



Analysing Power Events

- Helps speed up downtime crisis recovery
- Helps determine incident root cause, events sequence
- Helps troubleshoot power quality issues

DB425658.ai



Monitoring Power quality

- Be alerted of equipment affected by power quality issue
- Compare power quality against industry standards
- Collect facts for future discussion with utility

DB425659.ai



Analysing Energy Performance

- Evaluate building energy saving performance
- Identify underperforming loads
- Analyze Energy Conservation Measures (ECMs) according to an ISO50001 program



[1] EcoStruxure™ Power Monitoring Expert, <http://pmedemo.biz/web/>
ID: demo & Password: demo

Compact NSXm circuit breakers: Optimized for your needs

The Compact NSXm range of circuit breakers and switch disconnectors is a newcomer in the Compact NSX family. It is one of the smallest on the market with innovative features. Built on the design of roto-active breaking technology, we have made it as robust as Compact NSX products.

Compact NSXm main features and innovations

- Rated Current, I_n (A) – 16, 25, 32, 40, 50, 63, 80, 100, 125, 160
- Breaking capacity (kA) at 415V – 16, 25, 36, 50, 70
- Thermal magnetic trip unit integrated
- Built-in DIN rail and plate mount
- Auxiliaries externally visible
- EverLink™ connectors



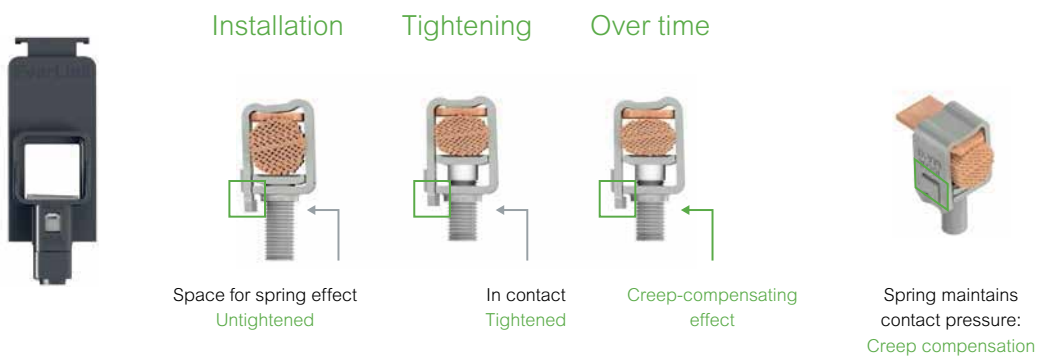
EverLink™ patented technology

The Compact NSXm features a new cable connection method with patented creep-compensating technology built directly into the terminal - EverLink™:

- With EverLink™ connectors, save space and time during panel assembly.
- Bare cable connections are as safe as compression lug ones.



More than 35 patents have been registered for this new Compact NSXm offer.



With Thermal Magnetic Trip Unit
(TMD) and Compression Lug connectors



LUG CONNECTION



- $I_{cs} = 100\% I_{cu}$ as per IEC 60947-2
- Adjustable thermal setting $0.7 - 1 \times I_n$
- Fixed magnetic settings
- Single frame size upto 160A
- 5 breaking capacities from 16kA to 70kA
- With compression lug connectors
- All the circuit breakers have a transparent lead-sealable cover

Breaking Capacity I_{cu} as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
16kA	16A	LV426150	6830	LV426160	9770
	25A	LV426151	6830	LV426161	9770
	32A	LV426152	6830	LV426162	9770
	40A	LV426153	6830	LV426163	9770
	50A	LV426154	6830	LV426164	9770
	63A	LV426155	6830	LV426165	9770
	80A	LV426156	6830	LV426166	9770
	100A	LV426157	6830	LV426167	9770
	125A	LV426158	12520	LV426168	15480
25kA	160A	LV426159	13660	LV426169	16940
	16A	LV426250	7440	LV426260	10740
	25A	LV426251	7440	LV426261	10740
	32A	LV426252	7440	LV426262	10740
	40A	LV426253	7440	LV426263	10740
	50A	LV426254	7440	LV426264	10740
	63A	LV426255	7440	LV426265	10740
	80A	LV426256	7440	LV426266	10740
	100A	LV426257	7440	LV426267	10740
36kA	125A	LV426258	13630	LV426268	16710
	160A	LV426259	15050	LV426269	18750
	16A	LV426350	9540	LV426360	12220
	25A	LV426351	9540	LV426361	12220
	32A	LV426352	9540	LV426362	12220
	40A	LV426353	9540	LV426363	12220
	50A	LV426354	9540	LV426364	12220
	63A	LV426355	9540	LV426365	12220
	80A	LV426356	9540	LV426366	12220
50kA	100A	LV426357	9540	LV426367	12220
	125A	LV426358	14370	LV426368	17860
	160A	LV426359	15900	LV426369	19770
	16A	LV426450	12590	LV426460	15440
	25A	LV426451	12590	LV426461	15440
	32A	LV426452	12590	LV426462	15440
	40A	LV426453	12590	LV426463	15440
	50A	LV426454	12590	LV426464	15440
	63A	LV426455	12590	LV426465	15440
70kA	80A	LV426456	12590	LV426466	15440
	100A	LV426457	12590	LV426467	15440
	125A	LV426458	17120	LV426468	20220
	160A	LV426459	18050	LV426469	21920
	16A	LV426550	14440	LV426560	18090
	25A	LV426551	14440	LV426561	18090
	32A	LV426552	14440	LV426562	18090
	40A	LV426553	14440	LV426563	18090
	50A	LV426554	14440	LV426564	18090
	63A	LV426555	14440	LV426565	18090
	80A	LV426556	14440	LV426566	18090
	100A	LV426557	14440	LV426567	18090
	125A	LV426558	26910	LV426568	28750
	160A	LV426559	27440	LV426569	29320

With Thermal Magnetic Trip Unit (TMD) and EverLink™ connectors



- $I_{cs} = 100\% I_{cu}$ as per IEC 60947-2
- Adjustable thermal setting $0.7 - 1 \times I_n$
- Fixed magnetic settings
- Single frame size upto 160A
- 5 breaking capacities from 16kA to 70kA
- With Patented EverLink™ connectors
- All the circuit breakers have a transparent lead-sealable cover

Breaking Capacity I_{cu} as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
16kA	16A	LV426100	6830	LV426110	9770
	25A	LV426101	6830	LV426111	9770
	32A	LV426102	6830	LV426112	9770
	40A	LV426103	6830	LV426113	9770
	50A	LV426104	6830	LV426114	9770
	63A	LV426105	6830	LV426115	9770
	80A	LV426106	6830	LV426116	9770
	100A	LV426107	6830	LV426117	9770
	125A	LV426108	12520	LV426118	15480
25kA	160A	LV426109	13660	LV426119	16940
	16A	LV426200	7440	LV426210	10740
	25A	LV426201	7440	LV426211	10740
	32A	LV426202	7440	LV426212	10740
	40A	LV426203	7440	LV426213	10740
	50A	LV426204	7440	LV426214	10740
	63A	LV426205	7440	LV426215	10740
	80A	LV426206	7440	LV426216	10740
	100A	LV426207	7440	LV426217	10740
36kA	125A	LV426208	13630	LV426218	16710
	160A	LV426209	15050	LV426219	18750
	16A	LV426300	9540	LV426310	12220
	25A	LV426301	9540	LV426311	12220
	32A	LV426302	9540	LV426312	12220
	40A	LV426303	9540	LV426313	12220
	50A	LV426304	9540	LV426314	12220
	63A	LV426305	9540	LV426315	12220
	80A	LV426306	9540	LV426316	12220
50kA	100A	LV426307	9540	LV426317	12220
	125A	LV426308	14370	LV426318	17860
	160A	LV426309	15900	LV426319	19770
	16A	LV426400	12590	LV426410	15440
	25A	LV426401	12590	LV426411	15440
	32A	LV426402	12590	LV426412	15440
	40A	LV426403	12590	LV426413	15440
	50A	LV426404	12590	LV426414	15440
	63A	LV426405	12590	LV426415	15440
70kA	80A	LV426406	12590	LV426416	15440
	100A	LV426407	12480	LV426417	15440
	125A	LV426408	17120	LV426418	20220
	160A	LV426409	18050	LV426419	21920
	16A	LV426500	14440	LV426510	18090
	25A	LV426501	14440	LV426511	18090
	32A	LV426502	14440	LV426512	18090
	40A	LV426503	14440	LV426513	18090
	50A	LV426504	14440	LV426514	18090
	63A	LV426505	14440	LV426515	18090
	80A	LV426506	14440	LV426516	18090
	100A	LV426507	14440	LV426517	18090
	125A	LV426508	26910	LV426518	28750
	160A	LV426509	27440	LV426519	29320

For Details on stockable and non-stockable status, technical parameter, please Contact Customer Care Centre

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- Suitability for isolation as defined by standard IEC 60947-3
- Self protected by their high-set magnetic release
- Single frame size upto 160A

Compact NSXm NA switch-disconnector

With Compression Lug connectors

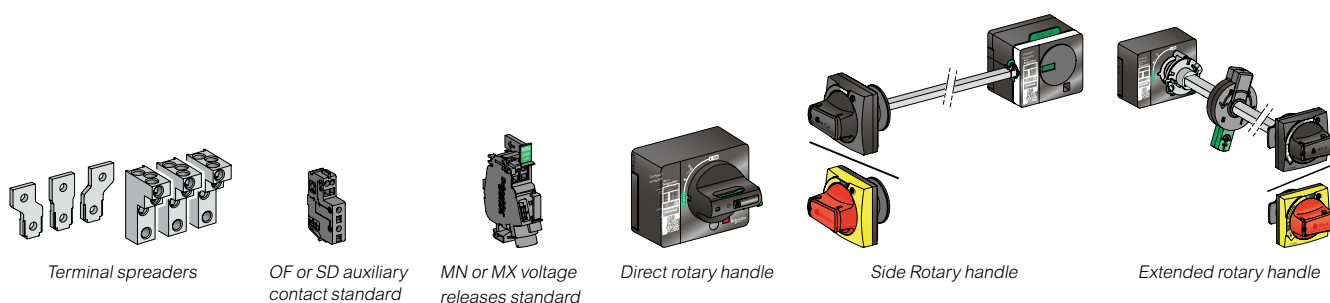
Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
50A	LV426650	8490	LV426660	12550
100A	LV426651	8490	LV426661	12550
160A	LV426652	17370	LV426662	23160

Compact NSXm NA switch-disconnector

With EverLink™ connectors

Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
50A	LV426600	8550	LV426610	12650
100A	LV426601	8550	LV426611	12650
160A	LV426602	17500	LV426612	23350

Accessories for Compact NSXm 16A to 160A



NSXm Accessories

Auxiliary contacts (changeover)

Description	Reference	Unit LP [₹]
Standard OF or SD	LV426950	800

Rotary Handles

Description	Reference	Unit LP [₹]
Direct rotary handle		
Standard black handle	LV426930	1100
Extended rotary handle		
Standard extended rotary black handle	LV426932	1650
Side rotary handle		
Standard side rotary black handle	LV426935	2800

Rotary Handles

Description	Reference	Unit LP [₹]
Spreaders & Phase Barriers		
Spreaders (Set of 3) 3P	LV426940	600
Spreaders (Set of 4) 4P	LV426941	600

Voltage Releases

Description	Shunt Release Reference	Unit LP [₹]	Under Voltage Reference	Unit LP [₹]
AC				
24 V 50/60 Hz	LV426841	2000	LV426801	2600
48 V 50/60 Hz	LV426842		LV426802	
110-130 V 50/60 Hz	LV426843		LV426803	
220-240 V 50/60 Hz	LV426844		LV426804	
380-415 V 50 Hz	LV426846		LV426806	
DC				
24 V	LV426841	2000	LV426801	2600
48 V	LV426842		LV426802	
125 V	LV426843		LV426803	
250 V	LV426844		LV426815	

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

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Ethernet Ready Next Generation Circuit Breakers

Compact NSX

LV circuit breakers from 16A to 630A



Energy
measurement
and control



Increased
energy
availability



Safety and
protection



Compact NSX

Ethernet ready Next-generation circuit breakers



- Ethernet based monitoring, control, alarm notification for energy, asset and network management
- Built-in energy metering with combined accuracy class of 2% for precise measurement
- Intelligent / Enhanced discrimination for continuity of service
- Patented reflex tripping, independent of other protection functions, ensures ultra fast tripping in the event of very high short circuit
- Encapsulated roto-active double break contact system limits fault current for extended system life
- Best in class electrical life (*30k cycles for NSX 100 @ 440 V*) reduces operational expenditure
- High performance => $I_{cs} = I_{cu} = 100\text{kA @ } 690\text{V AC}$

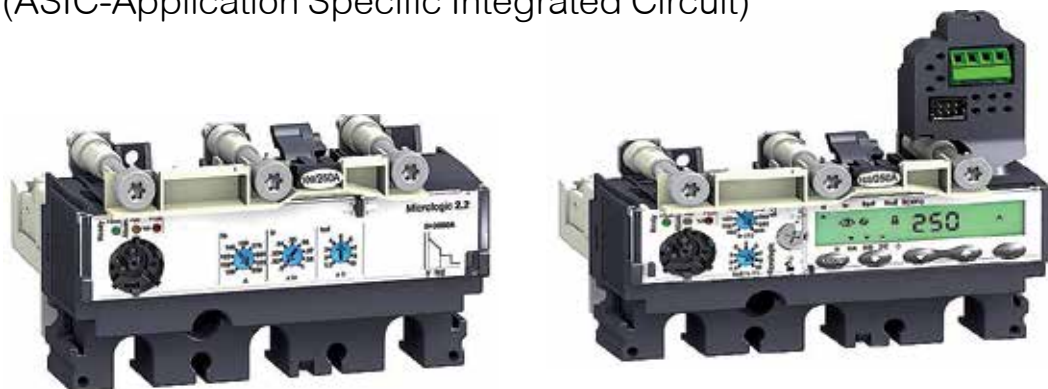
Range Details:

- 16A to 630A in two frames sizes
- Breaking capacity up to 200kA @ 415V
- TMD and Microprocessor based trip unit
- Available in Fixed, Plug-in and Draw out type versions

Type of Trip Units

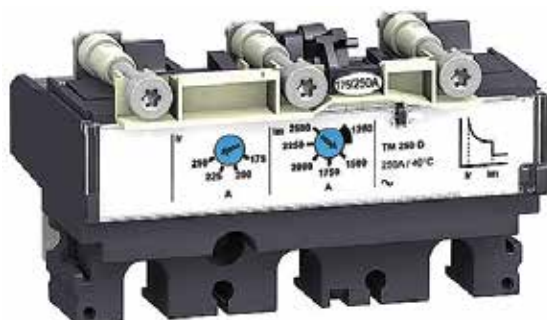
Micrologic Trip Units

(ASIC-Application Specific Integrated Circuit)



	Protection	Cases	Measurement	Application
	↓	↓	↓	↓
	1 I 2 LS ₀ I 5 LSI 6 LSIG	2 NSX100-250 3 NSX400-630	A Ammeter E Energy Meter	--- Distribution G Generator AB Subscriber M Motor Z 16Hz 2/3
Example				
Micrologic 1.3 M	I	400 or 630 A		Motor
Micrologic 2.2 G	LS ₀ I	100, 160 or 250 A		Generator
Micrologic 2.3	LS ₀ I	400 or 630 A		Distribution
Micrologic 2.3 M	LS ₀ I	400 or 630 A		Motor
Micrologic 5.2 A	LSI	100, 160 or 250 A	Ammeter	Distribution
Micrologic 5.3 E	LSI	400 or 630 A	Energy	Distribution
Micrologic 6.3 E-M	LSIG	400 or 630 A	Energy	Motor

Thermal Magnetic Trip Unit



- Available from 16A - 250A
- Overload Setting (I_r) 0.7 - 1 x I_n
- Short Circuit Setting (I_m)
- Fixed upto 160A
- Adjustable 5 - 10 x I_r (for 200A - 250A)

- I** - Instantaneous
- S₀** - Short Time with Fixed Time Delay
- S** - Short Time with Adjustable Time Delay
- G** - Ground Fault

Compact NSX PV for Photovoltaic applications

- Circuit Breakers and Switch Disconnectors
- A complete DC offer for Solar Applications from 80 to 1500A.
 - 80A to 500A MCCB with TMD type trip unit
 - 80A to 1500A Switch disconnector



Ensuring safe and efficient operation of your Photovoltaic installation.



With heat sink supplied as standard, MCCB rating is optimized, avoiding the need to oversize protection components and saving space in the enclosure.



Connection and insulation accessories supplied as standard with Compact NSX PV MCCB are:

- Connection plate with heat sink
- Upstream and downstream terminal shields



Multistandard offer for OEM applications

Be compliant around the world

Range - 16A to 600A in Two frames sizes



- Compliance to UL489, IEC60947, CCC & CSA standards.
- Breaking Capacity up to 100kA
- Voltage rating up to 600V
- Isolation with Positive Break Indication
- Fixed, Plug-in and Draw out type
- TMD and Microprocessor based trip unit
- Built-in energy metering (2% accuracy class)
- Smart Integration over Communication Network

Trust US...

- > to supply worldwide availability
- > to apply tested and validated solutions
- > to comply to international standards



With Thermal Magnetic Trip Unit (TMD)



- $I_{cs} = 100\% I_{cu}$ as per IEC 60947-2
- Adjustable thermal setting $0.7 - 1 \times I_n$
- Adjustable magnetic setting $5 - 10 \times I_r^{**}$
- Transparent cover for trip unit as standard
- Breaking Capacity enhancement upto 150kA with a higher capacity upstream (Cascading)
- Exceptional current limiting $< 6 \times 10^5 A^2S$

Breaking Capacity I_{cu} as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
25kA	16A	LV429557	9020	LV429567	12960
	25A	LV429556 ✓	9020	LV429566	12960
	32A	LV429555 ✓	9020	LV429565	12960
	40A	LV429554 ✓	9020	LV429564	12960
	50A	LV429553	9020	LV429563	12960
	63A	LV429552 ✓	9020	LV429562 ✓	12960
	80A	LV429551 ✓	9020	LV429561	12960
	100A	LV429550 ✓	9020	LV429560 ✓	12960
	125A	LV430311 ✓	15880	LV430321 ✓	19770
	160A	LV430310 ✓	16770	LV430320 ✓	20920
	200A	LV431111	24640	LV431121 ✓	29640
	250A	LV431110 ✓	25120	LV431120 ✓	30230
36kA	16A	LV429637 ✓	10990	LV429647	13910
	25A	LV429636 ✓	10990	LV429646	13910
	32A	LV429635 ✓	10990	LV429645 ✓	13910
	40A	LV429634 ✓	10990	LV429644	13910
	50A	LV429633	10990	LV429643	13910
	63A	LV429632 ✓	10990	LV429642 ✓	13910
	80A	LV429631 ✓	10990	LV429641	13910
	100A	LV429630 ✓	10990	LV429640 ✓	13910
	125A	LV430631 ✓	16420	LV430641 ✓	20450
	160A	LV430630 ✓	17240	LV430640 ✓	22060
	200A	LV431631 ✓	24960	LV431641 ✓	30770
	250A	LV431630 ✓	25440	LV431640 ✓	32000
50kA	16A	LV429847	12940	LV429857	16390
	25A	LV429846	12940	LV429856	16390
	32A	LV429845 ✓	12940	LV429855	16390
	40A	LV429844 ✓	12940	LV429854	16390
	50A	LV429843	12940	LV429853	16390
	63A	LV429842 ✓	12940	LV429852	16390
	80A	LV429841 ✓	12940	LV429851	15940
	100A	LV429840 ✓	13070	LV429850	16240
	125A	LV430841 ✓	19750	LV430851	22710
	160A	LV430840 ✓	20160	LV430850	23400
	200A	LV431831 ✓	26900	LV431841	32870
	250A	LV431830 ✓	27410	LV431840	34870
70kA	16A	LV429677	16550	LV429687	21550
	25A	LV429676	16550	LV429686	21550
	32A	LV429675	16550	LV429685	21550
	40A	LV429674	16550	LV429684	21550
	50A	LV429673	16550	LV429683	21550
	63A	LV429672 ✓	16550	LV429682	21550
	80A	LV429671	16550	LV429681	21550
	100A	LV429670 ✓	16550	LV429680	21550
	125A	LV430671	30810	LV430681	33060
	160A	LV430670 ✓	31430	LV430680	33710
	200A	LV431671	36080	LV431681	46420
	250A	LV431670 ✓	36430	LV431680	46880

Note:

- ** applicable for NSX 200A & 250A
- For higher breaking capacities (100kA and 150kA); for Generator Protection MCCB and other special application MCCB, contact our nearest Sales office.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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With Micrologic 2 (µP -ASIC based)



- Protection type LS01N
- Ics = 100% Icu as per IEC 60947-2
- Adjustable overload from 0.40 - 1 x In
- Adjustable short circuit from 1.5 - 10 x Ir
- Innovative front indication LED's (Ready, Overload pre-alarm & Overload)
- Two frame sizes up to 630A
- Breaking Capacity enhancement upto 150kA with a higher capacity upstream (Cascading)
- Adjustable neutral protection - N, N/2, OFF for 4 Pole MCCB

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
25kA	40A	LV429777 ☒	15870	LV429787	20420
	100A	LV429775 ☒	15870	LV429785 ☒	20420
	160A	LV430745 ☒	20270	LV430750 ☒	25860
	250A	LV431140 ☒	26640	LV431150 ☒	34170
36kA	40A	LV429772	16130	LV429782	20520
	100A	LV429770 ☒	16130	LV429780 ☒	20520
	160A	LV430770 ☒	20630	LV430780 ☒	28570
	250A	LV431770 ☒	28030	LV431780 ☒	38850
	400A	LV432676 ☒	38670	LV432677 ☒	44150
	630A	LV432876 ☒	40880	LV432877 ☒	53000
50kA	40A	LV429797	19260	LV429807	26380
	100A	LV429795 ☒	19260	LV429805 ☒	27170
	160A	LV430775 ☒	24410	LV430785	31610
	250A	LV431870 ☒	31890	LV431875 ☒	41820
	400A	LV432693 ☒	40470	LV432694 ☒	52510
	630A	LV432893 ☒	41900	LV432894 ☒	55520
70kA	40A	LV429792	24800	LV429802	31190
	100A	LV429790	25170	LV429800	31190
	160A	LV430790	33010	LV430800	42130
	250A	LV431790	36820	LV431800	53380
	400A	LV432695 ☒	46000	LV432696	60400
	630A	LV432895 ☒	47140	LV432896	73330

Note: For higher breaking capacities (100kA and 150kA); for Generator Protection MCCB and other special application MCCB, contact our nearest Sales office.

With Micrologic 2 (µP -ASIC based) / TMD / MA+ shunt +GFP

- Protection type LS01GN
- Ics = 100% Icu as per IEC 60947-2
- Fault indication for GF (LED type) meant for human safety
- Adjustable overload from 0.36 - 1 x In
- Adjustable short circuit from 1.5 - 10 x Ir
- Adjustable earth fault sensitivity selection 10 to 60%
- Innovative front indication LED's (Ready, Overload pre-alarm & Overload)
- Two frame sizes up to 630A
- Suitable for 3P3W & 3P4W electrical distribution network
- Breaking Capacity enhancement upto 150kA with a higher capacity upstream (Cascading)
- Adjustable neutral protection - N, N/2, OFF for 4 Pole MCCB

MCCB Frame	Relay Module rated current	3 Ph + 3W Reference	Unit LP [₹]	3 Ph + 4W Reference	Unit LP [₹]
CVS/NSX100	32, 40, 50, 63, 80, 100	GFP11CT13P ☒	5130	GFP11CT14P ☒	5620
CVS/NSX 160 / 250	125, 160, 200, 250	GFP12CT23P ☒	5830	GFP12CT24P ☒	6580
CVS/NSX 400 / 630	400, 630	GFP13CT33P ☒	8810	GFP13CT34P ☒	9620
CVS 800	800	GFP14CT43P ☒	10860	GFP14CT44P ☒	12160

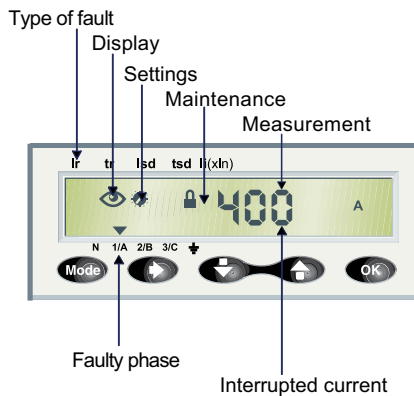
Note: Kindly order NSX/CVS MCCB +GFP+. Shunt trip coil.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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With Micrologic 6A (Embedded current metering and communication capable)



- Protection type LSIGN
- $I_{cs} = 100\% I_{cu}$ as per IEC 60947-2
- Current measurements (Phase & neutral, Average, Highest of phases, Ground fault current, Maximeter / Minimeter, Current unbalance between phases)
- Adjustable overload from $I_r 0.36$ to $1 \times I_n$ and $t_r = 0.5 - 16$ s
- Adjustable short circuit from $I_{sd} 1.5 - 10 \times I_r$ and $t_{sd} I_{2tON/OFF} 0.1 - 0.4$ s
- Adjustable earth fault $0.4 - 1 \times I_n$ (for $I_n=40A$) & $0.2 - 1 \times I_n$ (for $I_n>40A$) and $t_g I_{2tON/OFF} 0.1 - 0.4$ s
- Instantaneous protection $I_i 1.5 \times I_n - 15 \times I_n$ (40 - 160A), $12 \times I_n$ (250 - 400A) and $11 \times I_n$ (630A)
- Innovative front indication LED's (Ready, Overload pre-alarm & Overload)
- Fault distinction on the display of trip unit (type of fault, interrupted fault current and faulty phase)
- Zone Selective Interlocking (ZSI) as standard
- Breaking Capacity enhancement upto 150kA with a higher capacity upstream (Cascading)
- External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price
- Adjustable neutral protection - N, N/2, OFF and oversized neutral (standard feature) for 4 Pole MCCB.

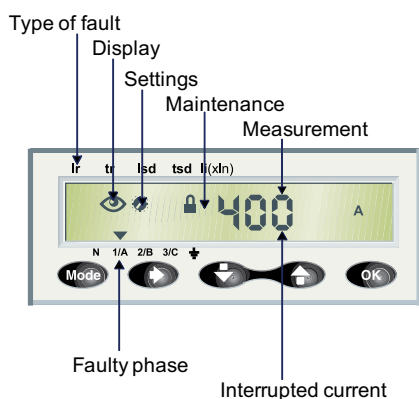
Breaking Capacity I_{cu} as per IEC 60947-2"	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
25kA	40A	LV429014X62A40	35730	LV429015X62A40	39990
	100A	LV429014X62A100	35730	LV429015X62A100	39990
	160A	LV430390X62A160	37790	LV430395X62A160	45440
	250A	LV431390X62A250	43270	LV431395X62A250	51840
36kA	40A	LV429003X62A40	35900	LV429008X62A40	41570
	100A	LV429003X62A100	35900	LV429008X62A100	41570
	160A	LV430403X62A160	39050	LV430408X62A160	46890
	250A	LV431403X62A250	43790	LV431408X62A250	54320
	400A	LV432413X63A400	51330	LV432415X63A400	58400
	630A	LV432813X63A630	58970	LV432815X63A630	69420
50kA	40A	LV429006X62A40	39050	LV429011X62A40	44750
	100A	LV429006X62A100	39050	LV429011X62A100	44750
	160A	LV430406X62A160	44330	LV430411X62A160	47940
	250A	LV431406X62A250	47370	LV431411X62A250	55610
	400A	LV432403X63A400	52750	LV432408X63A400	64510
	630A	LV432803X63A630	59190	LV432808X63A630	73860
70kA	40A	LV429004X62A40	42830	LV429009X62A40	49140
	100A	LV429004X62A100	42830	LV429009X62A100	49140
	160A	LV430404X62A160	52500	LV430409X62A160	58520
	250A	LV431404X62A250	53560	LV431409X62A250	81520
	400A	LV432404X63A400	66920	LV432409X63A400	83620
	630A	LV432804X63A630	68970	LV432809X63A630	91680

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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Micrologic 6 E (Embedded Energy metering and communication capable)



- Features over and above Micrologic 6A.
- Current Measurements (Phase & neutral, Average, Highest of Phases, Ground Fault current, Maximeter/Minimeter, Current Unbalance between Phases)
- Voltage Measurements (Phase-Phase & Phase-neutral, Average, Ph-Ph & Ph-N voltage unbalance)
- Frequency Measurements
- Power Quality Indicator (Total Harmonic Distortion for Current and Voltage)
- Power Measurements (Active, Reactive and Apparent Power, total and per phase and Power Factor and cos (phi))
- Demand Currents and Power Measurements (Demand Values, total & per phase, Maximum Demand)
- Energy Metering (Active, Reactive and Apparent energy, total and per phase)
- Indications, Alarms and Histories (Indication of fault types, Alarms for high/low threshold, operating histories & time stamped tables)
- Maintenance Indicators (Operation, trip and alarm counters; Operating Hours Counter; Contact wear: Load profile and thermal image)

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
25kA	40A	LV429014X62E40	53780	LV429015X62E40	59760
	100A	LV429014X62E100	53780	LV429015X62E100	59760
	160A	LV430390X62E160	53810	LV430395X62E160	59910
	250A	LV431390X62E250	54890	LV431395X62E250	66750
36kA	40A	LV429003X62E40	55210	LV429008X62E40	61230
	100A	LV429003X62E100	55210	LV429008X62E100	61230
	160A	LV430403X62E160	56120	LV430408X62E160	63600
	250A	LV431403X62E250	56770	LV431408X62E250	68390
	400A	LV432413X63E400	70150	LV432415X63E400	79010
	630A	LV432813X63E630	79670	LV432815X63E630	98240
50kA	40A	LV429006X62E40	56030	LV429011X62E40	62150
	100A	LV429006X62E100	56030	LV429011X62E100	62150
	160A	LV430406X62E160	56960	LV430411X62E160	64550
	250A	LV431406X62E250	57620	LV431411X62E250	69420
	400A	LV432403X63E400	71200	LV432408X63E400	80430
	630A	LV432803X63E630	80460	LV432808X63E630	99710
70kA	40A	LV429004X62E40	57760	LV429009X62E40	64580
	100A	LV429004X62E100	57760	LV429009X62E100	64580
	160A	LV430404X62E160	62400	LV430409X62E160	66940
	250A	LV431404X62E250	63860	LV431409X62E250	92680
	400A	LV432404X63E400	78770	LV432409X63E400	94750
	630A	LV432804X63E630	92560	LV432809X63E630	107070

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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With Magnetic Trip Unit MA type



- Ics = 100% Icu as per IEC 60947-2
- Adjustable magnetic setting I_m 6 - 14 x I_n (2.5 - 100A) & 9 - 14 x I_n (150 - 200A)
- Type - 2 Co-ordination charts upto 110 kW at 400V
- Breaking Capacity enhancement upto 150kA with a higher capacity upstream (Cascading)
- Adjustable neutral protection - N, N/2, OFF for 4 Pole MCCB
- Rated at 650C as per motor standards

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]
36kA	2.5A	LV429745	11580
	6.3A	LV429744	11580
	12.5A	LV429743	11580
	25A	LV429742	11580
	50A	LV429741	11580
	100A	LV429740 ☒	11580
	150A	LV430830	16460
	220A	LV431748	27000
50kA	2.5A	LV429755	13080
	6.3A	LV429754	13080
	12.5A	LV429753	13080
	25A	LV429752	13080
	50A	LV429751	13080
	100A	LV429750 ☒	13080
	150A	LV430832	20090
	220A	LV431752	29630
70kA	2.5A	LV429765	16650
	6.3A	LV429764	16650
	12.5A	LV429763	16650
	25A	LV429762	16650
	50A	LV429761	16650
	100A	LV429760	16650
	150A	LV430834	30140
	220A	LV431756	46750

With Micrologic 1.3M



- Ics = 100% Icu as per IEC 60947-2
- Suitable for Isolation
- Adjustable short circuit I_{sd} = 5 - 13 x I_n
- Front indication LED (Ready LED)
- Type - 2 Co-ordination charts upto 250 kW at 400V
- Rated at 650C as per motor standards

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]
36kA	320A	LV432748	37250
	500A	LV432948	44800
50kA	320A	LV432749	40770
	500A	LV432949	46790
70kA	320A	LV432750	52210
	500A	LV432950	52530

Note: For higher breaking capacities (100kA and 150kA), contact our nearest Sales office.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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With Micrologic 2M (μP - ASIC based)



- $I_{cs} = 100\% I_{cu}$ as per IEC 60947-2
- Adjustable overload $I_r 0.45 - 1 \times I_n$
- Adjustable short circuit $I_{sd} 5 - 13 \times I_r$
- Trip class selection: Class 5, Class 10 & Class 20
- Phase unbalance or Phase Loss
- Type - 2 Co-ordination charts upto 315 kW at 400V
- Front indication LED's (Ready & temperature rise alarm)
- Breaking Capacity enhancement upto 150kA with a higher capacity upstream (Cascading)
- Adjustable neutral protection - N, N/2, OFF for 4 Pole MCCB
- Rated at 650C as per motor standards

Breaking Capacity I_{cu} as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [€]
36kA	25A	LV429828	16810
	50A	LV429827	16810
	100A	LV429825	16810
	150A	LV430985	24920
	220A	LV431160	33220
	320A	LV432775	45180
50kA	500A	LV432975	54440
	25A	LV429833	20860
	50A	LV429832	20860
	100A	LV429830	20860
	150A	LV430988	27770
	220A	LV431165	35030
70kA	320A	LV432776	51920
	500A	LV432976	54840
	25A	LV429838	25140
	50A	LV429837	25140
	100A	LV429835	25140
	150A	LV430991	40500
	220A	LV431170	44330
	320A	LV432777	61960
	500A	LV432977	64940

Note:

- For higher breaking capacities (100kA and 150kA), contact our nearest Sales office.
- For arriving at the Reference of the MCCB with Micrologic 6E-M, please contact our nearest Sales office.

Micrologic 6 E-M



- In addition to Embedded Energy Metering features of Micrologic 6E, the below Motor
- Application parameters are present in Micrologic 6E-M
- Overload protection: $I_r 0.45 - 1 \times I_n$
- Short circuit protection: $I_{sd} 5 - 13 \times I_r$
- Ground fault protection: $I_g 0.4 - 1 \times I_n$ (for $I_n=40A$) & $0.2 - 1 \times I_n$ (for $I_n>40A$) and $t_g I_{2tON/OFF} 0.1 - 0.4s$
- Phase unbalance or Phase loss
- Trip class selection: Class 5, Class10, Class20 & Class30
- Cooling fan selection: self cooled or fan cooled motors
- Unbalance: 10 - 40% of average current and time delay 0.7s (starting) & 1 - 10s (normal operation)
- Locked Rotor: $I_{jam} 1 - 8 \times I_r$ or I_{jam} can be made OFF and $t_{jam} 1 - 30s$
- Under-Load (under-current): $I_{und} 0.3 - 0.9 \times I_r$ or I_{und} can be made OFF and $t_{und} 1 - 200s$
- Long Starts $I_{long} 1 - 8 \times I_r$ or I_{long} can be made OFF and $t_{long} 1 - 200s$
- Neutral: OFF or $0.5 \times I_r$ or oversized neutral standard
- Front indication LED's (Ready & temperature rise alarm)
- Zone Selective Interlocking (ZSI) as standard
- Fault distinction on the display of trip unit (type of fault, interrupted fault current and faulty phase)

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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MCCBs for DC Network Protection

Compact NSX DC

Range - 16A to 1200A in Two frames sizes with Thermal Magnetic Trip Unit (TMD)



- Comply to IEC60947 -2 standards
- Breaking Capacity up to 100kA
- Isolation with Positive Break Indication
- Fixed, Plug-in and Draw out type upto 600A
- TMD based trip unit
- New ratings 400A , 600A and 630A to 1200A

		NSX100	NSX160	NSX250	NSX400	NSX630	NSX1200
Poles	Breaking Capacity	16A to 100A	125A to 160A	200A to 250A	250A to 400A	500A 600A	630A to 1200A*
3P/4P	F 36kA @750VDC						
3P/4P	S 100kA @750VDC						
3P/4P	F 36kA @500VDC						
3P/4P	S 100kA @500VDC						
2P	F 36kA @ 500VDC						
2P	M 85kA @ 500VDC						
2P	S 100kA @ 500VDC						
2P	N 50kA @ 600VDC						
1P	F 36kA @ 250VDC						
1P	N 50kA @ 250VDC						
1P	M 85kA @ 250VDC						

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
36kA	100A	LV438003XTMDC100	15295	LV438008XTMDC100	21760
	160A	LV438103XTMDC160	18820	LV438108XTMDC160	25410
	250A	LV438203XTMDC250	23445	LV438208XTMDC250	30580
	400A	LV438267	32690	LV438262	37115
	500A	LV438268	39220	LV438263	47935
	600A	LV438269	41420	LV438264	50135
100kA	100A	LV438018XTMDC100	18235	LV438019XTMDC100	24705
	160A	LV438118XTMDC160	23185	LV438119XTMDC160	30580
	250A	LV438218XTMDC250	39570	LV438219XTMDC250	41765
	400A	LV438277	46680	LV438272	56860
	500A	LV438278	50975	LV438273	61490
	600A	LV438279	50975	LV438274	61490

Note:

- For 1P / 2P contact customer care
- NSX 1200 prices on request



For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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Indication contacts



SDTAM remote indication relay module



SDx remote indication relay module



Voltage Release



Motor Mechanism

Description	Reference	Unit LP [₹]
Auxiliary contacts (changeover) Multifunction		
OF or SD or SDE or SDV	29450 ☒	850
OF or SD or SDE or SDV low level	29452	925
SDE adaptor for trip unit TM or MA or Micrologic 2 \$\$	LV429451 ☒	670
SDX 2-PROGRAMMABLE CONTACTS FOR MICROLOGIC		
SDx module 24/415 V AC/DC	LV429532	10670
SDTAM contactor tripping module for Micrologic 2- M/6 E-M		
SDTAM 24/415 V AC/DC overload fault indication	LV429424	11060

\$\$ To be considered along with SDE contact for MCCB with TMD/MA./Micrologic 2 protection.

Voltage Releases

Description	Shunt Release Reference	Unit LP [₹]	Undervoltage Reference	Unit LP [₹]
AC				
24 V 50/60 Hz	LV429384	2180	LV429404	2815
48 V 50/60 Hz	LV429385		LV429405	
110-130 V 50/60 Hz	LV429386		LV429406	
220-240 V 50/60 Hz	LV429387		LV429407	
380-415 V 50 Hz	LV429388		LV429408	
525 V 50 Hz	LV429389		LV429409	
DC				
12 V	LV429382	2180	LV429402	2815
24 V	LV429390		LV429410	
30 V	LV429391		LV429411	
48 V	LV429392		LV429412	
60 V	LV429383		LV429403	
125 V	LV429393		LV429413	
250 V	LV429394		LV429414	

Installation Accessories

Description	100/160/250A Reference	Unit LP [₹]	400/630A Reference	Unit LP [₹]
Spreaders & Phase Barrier				
Spreaders (Set of 3) 3P	LV431563 ☒	620	32492 ☒	1400
Spreaders (Set of 4) 4P	LV431564 ☒	820	32493 ☒	1780
Phase Barrier (Set of 6)	*	-	LV432570 ☒	720
Interlocking				
For Breaker with Rotary Handle	LV429369	8320	LV432621	10475
For Breaker with Toggle	LV429354	9100	LV432614	10475
Mechanical Interlocking with Base Plate	29349**	17505	32609**	36875
Locking of Rotary Handle				
Locking Device	LV429344 ☒	525	LV432604 ☒	720
Ronis Keylock (1 Lock + 1 Key set)	41940 ☒	3635	41940 ☒	3635
Ronis Keylock (2 Locks + 1 Key set)	41950 ☒	7005	41950 ☒	7005
Profalux Keylock (1 Lock + 1 Key set)	42888	6135	42888	6135
Profalux Keylock (2 Locks + 1 Key set)	42878	7005	42878	7005

* supplied as standard with spreader

** Mechanical Interlocking with Base Plate to be ordered with Safety trip interlock (LV429270 for 29349 and LV432520 for 32609)

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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FDM121: Front Display Module



Test Battery



Power Supply ModuleB



SCM: Breaker Status and Control Module

Motor Mechanism

Type	Voltage	100/160A Reference	Unit LP [₹]	250A Reference	Unit LP [₹]	400/630A Reference	Unit LP [₹]
Motor Mechanism Modules with SDE adaptor ⁽¹⁾							
AC 50/60 Hz	48-60 V	LV429440	20040	LV431548	22150	LV432639	31570
	110-130 V	LV429433		LV431540		LV432640	
	220-240 V	LV429434 ☒		LV431541 ☒		LV432641 ☒	
	380-415 V	LV429435		LV431542		LV432642	
	440-480 V	LV429435		LV431542		LV432647	
DC	24-30 V	LV429436	27020	LV431543	29300	LV432643	38725
	48-60 V	LV429437		LV431544		LV432644	
	110-130 V	LV429438		LV431545		LV432645	
	250 V	LV429439		LV431546		LV432646	

(1) With every Motor Mechanism, please order 1 no. auxiliary contact additionally. For other voltages of motor mechanism please consult Customer Care.

Description	100/160/250A Reference	Unit LP [₹]	400/630A Reference	Unit LP [₹]
Locking of Motor Mechanism				
Keylock adaptor + Ronis keylock (special)	LV429449	2715	-	-
Locking Device	-	-	LV432649	830
Ronis Keylock	-	-	41940 ☒	3635
Profalux Keylock	-	-	42888	6135
Torque Limiting Screws (Set of 12)	LV429513	1920	LV432513	2255

Monitoring and Control, test tools- Compact and NSX100 - 630

Monitoring and Control (Remote Operation)

Description	Reference	Unit LP [₹]
ULP Display Module		
Switchboard front display module FDM121	TRV00121 ☒	11170
ULP Wiring Accessories		
NSX cord L = 0.35 m	LV434200	2575
NSX cord L = 1.3 m	LV434201	2600
5 RJ45/RJ45 MALE Cord L = 1m	TRV00810	2435
10 Stacking connectors for COM interface	TRV00217	3795
ULP Communication Module		
IFM MODBUS Interface Module	LV434000	9600
BSCM (Breaker Status and Control Module)	LV434205 ☒	8170
Power Supply Modules		
External power supply module 24 V DC-1 A OVC IV		
24-30 V DC	54440	14200
48-60 V DC	54441	14200
100-125 V AC	54442	14200
110-130 V AC	54443	15950
200-240 V AC	LV454444 ☒	11950
380-415 V AC	54445	15950
Pocket battery for Micrologic NSX100-630	LV434206	16250

Maintenance Module for advanced configuration and testing, contact our nearest Sales office.

ULP = Universal Logic Plug

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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W.E.F. January 18, 2019



Direct Rotary Handle



Extended Rotary Handle



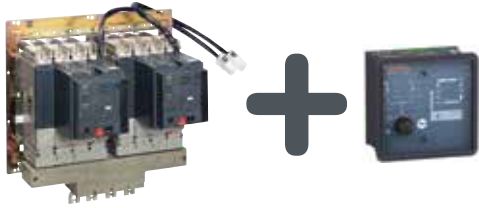
Plug in Base



Draw-Out Chassis Kit

Description	100/160/250A Reference	Unit LP [₹]	400/630A Reference	Unit LP [₹]
Rotary Handles				
Standard direct black handle	LV429337 ☒	1120	LV432597 ☒	1680
Standard extended rotary handle	LV429338 ☒	1770	LV432598 ☒	3140
Plug in Base (Complete Kit)				
3 Pole	LV429289 ☒	7960	LV432538 ☒	18260
4 Pole	LV429290 ☒	10300	LV432539 ☒	22760
Draw-Out Chassis Kit				
3 Pole				
Plug In base	LV429289 ☒	7960	LV432538 ☒	18260
Chassis Side Plate for base	LV429282 ☒	10630	LV432532 ☒	13465
Chassis Side Plate for breaker	LV429283 ☒	5630	LV432533 ☒	7845
4 Pole				
Plug In base	LV429290 ☒	10300	LV432539 ☒	22760
Chassis Side Plate for base	LV429282 ☒	10630	LV432532 ☒	13465
Chassis Side Plate for breaker	LV429283 ☒	5630	LV432533 ☒	7845
Plug In / Withdrawable version Accessories				
Automatic Auxilliary Connectors				
1 9-wire fixed connector (for base)	LV429273	1110	LV429273	1110
1 9-wire moving connector (for circuit breaker)	LV429274	775	LV432523 ☒	830
1 support for 2 moving connectors	LV429275	595	LV432525 ☒	595
Manual Auxilliary Connectors				
9-wire manual auxiliary connector (fixed + moving)	LV429272	3805	LV429272	3805

Note: Above auxiliary connectors to be used with Plug-in and Withdrawable MCCB when Auxiliary Contact, Shunt, UnderVoltage or Motor Mechanism is used.



BA controller (basic)

- Monitoring of "Normal" source & "Automatic" transfer
- Circuit breaker status indication on front of controller: ON, OFF & fault trip
- Voluntary transfer to "Replacement" source (e.g. energy management commands)

UA controller (advanced)

- Monitoring of "normal" source & "Automatic" transfer
- Circuit breaker status indication on front of controller: on, off & fault trip
- Voluntary transfer to "replacement" source (e.g. energy management commands)
- Delayed (adjustable) shutdown of generator set
- Load shedding & reconnection of non-priority loads
- Transfer to "Replacement" source if one of the phases of the "Normal" phase is absent
- During peak tariff period (energy management commands) forced operation on "Normal" source if "Replacement" source not operational

With NSX100F - NSX630F 36kA 3P MCCB

Breaker for Normal Supply	Breaker for Replacement Supply	3P BA Controller Reference	Unit MRP [₹]	3P UA Controller Reference	Unit MRP [₹]
NSX100F	NSX100F	LV4A3F100100B4	217105	LV4A3F100100U4	237590
NSX160F	NSX100F	LV4A3F160100B4	224045	LV4A3F160100U4	244520
NSX160F	NSX160F	LV4A3F160160B4	230470	LV4A3F160160U4	250960
NSX250F	NSX100F	LV4A3F250100B4	238500	LV4A3F250100U4	258980
NSX250F	NSX160F	LV4A3F250160B4	245440	LV4A3F250160U4	265925
NSX250F	NSX250F	LV4A3F250250B4	259835	LV4A3F250250U4	280320
NSX400F	NSX100F	LV4A3F400100B4*	278610	LV4A3F400100U4*	281365
NSX400F	NSX160F	LV4A3F400160B4*	284475	LV4A3F400160U4*	287720
NSX400F	NSX250F	LV4A3F400250B4*	284980	LV4A3F400250U4*	292040
NSX400F	NSX400F	LV4A3F400400B4	319635	LV4A3F400400U4	340105
NSX630F	NSX160F	LV4A3F630160B4*	256470	LV4A3F630160U4*	274740
NSX630F	NSX250F	LV4A3F630250B4*	268195	LV4A3F630250U4*	286455
NSX630F	NSX400F	LV4A3F630400B4	322810	LV4A3F630400U4	343295
NSX630F	NSX630F	LV4A3F630630B4	325940	LV4A3F630630U4	346420

With NSX100F - NSX630F 36kA 4P MCCB

Breaker for Normal Supply	Breaker for Replacement Supply	4P BA Controller Reference	Unit MRP [₹]	4P UA Controller Reference	Unit MRP [₹]
NSX100F	NSX100F	LV4A4F100100B4	225705	LV4A4F100100U4	246175
NSX160F	NSX100F	LV4A4F160100B4	233490	LV4A4F160100U4	253970
NSX160F	NSX160F	LV4A4F160160B4	235600	LV4A4F160160U4	256080
NSX250F	NSX100F	LV4A4F250100B4	250440	LV4A4F250100U4	270920
NSX250F	NSX160F	LV4A4F250160B4	258180	LV4A4F250160U4	278660
NSX250F	NSX250F	LV4A4F250250B4	262030	LV4A4F250250U4	280665
NSX400F	NSX100F	LV4A4F400100B4*	279030	LV4A4F400100U4*	282275
NSX400F	NSX160F	LV4A4F400160B4*	286600	LV4A4F400160U4*	289065
NSX400F	NSX250F	LV4A4F400250B4*	288765	LV4A4F400250U4*	298975
NSX400F	NSX400F	LV4A4F400400B4	333280	LV4A4F400400U4	353765
NSX630F	NSX160F	LV4A4F630160B4*	278435	LV4A4F630160U4*	296705
NSX630F	NSX250F	LV4A4F630250B4*	291190	LV4A4F630250U4*	309445
NSX630F	NSX400F	LV4A4F630400B4	345060	LV4A4F630400U4	365540
NSX630F	NSX630F	LV4A4F630630B4	356780	LV4A4F630630U4	377260

* Downstream coupling accessories are not available.

Note:

Each reference consists of:

- 2 MCCBs with Motor mechanism & Standard Trip Units.
- 4 Auxiliary contacts 2OF + 2SDE
- 1 Base Plate with IVE unit for mechanical & electrical interlocking
- 1 Downstream coupling accessory is supplied only when both the MCCB are of same Frame size
- Control Unit UA or BA

ATS upto 250A are provided with TMD type trip unit & for 400/630A with Micrologic 2 trip unit as standard.

ATS with MCCBs of other breaking capacities & other versions of trip units can also be supplied. Prices available on request.

Above given references with BA/UA controller are suitable for 415VAC control supply.

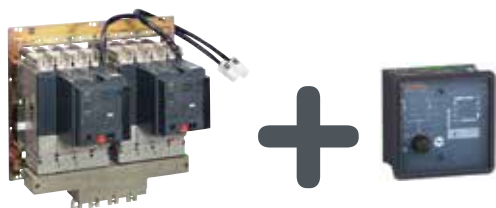
UA controller with 220/240V AC is not available

Replace suffix "4" by "2" for BA controller with 220/240V AC control supply.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

✓ NORMAL STOCK ITEMS

W.E.F. January 18, 2019



BA controller (basic)

- Monitoring of "Normal" source & "Automatic" transfer
- Circuit breaker status indication on front of controller: ON, OFF & fault trip
- Voluntary transfer to "Replacement" source (e.g. energy management commands)

UA controller (advanced)

- Monitoring of "Normal" source & "Automatic" transfer.
- Circuit breaker status indication on front of controller: ON, OFF & fault trip
- Voluntary transfer to "Replacement" source (e.g. energy management commands)
- Delayed (adjustable) shutdown of generator set.
- Load shedding & reconnection of non-priority loads.
- Transfer to "Replacement" source if one of the phases of the "Normal" phase is absent
- During peak tariff period (energy management commands) forced operation on "Normal" source if "Replacement" source not operational

With NSX100N - NSX630N 50kA 3P MCCB

Breaker for Normal Supply	Breaker for Replacement Supply	3P BA Controller Reference	Unit MRP [₹]	3P UA Controller Reference	Unit MRP [₹]
NSX100N	NSX100N	LV4A3N100100B4	221095	LV4A3N100100U4	241580
NSX160N	NSX100N	LV4A3N160100B4	229965	LV4A3N160100U4	250440
NSX160N	NSX160N	LV4A3N160160B4	234410	LV4A3N160160U4	254885
NSX250N	NSX100N	LV4A3N250100B4	240780	LV4A3N250100U4	261265
NSX250N	NSX160N	LV4A3N250160B4	249645	LV4A3N250160U4	270120
NSX250N	NSX250N	LV4A3N250250B4	260520	LV4A3N250250U4	280990
NSX400N	NSX100N	LV4A3N400100B4*	279405	LV4A3N400100U4*	281925
NSX400N	NSX160N	LV4A3N400160B4*	285075	LV4A3N400160U4*	288960
NSX400N	NSX250N	LV4A3N400250B4*	287175	LV4A3N400250U4*	292425
NSX400N	NSX400N	LV4A3N400400B4	323715	LV4A3N400400U4	344205
NSX630N	NSX160N	LV4A3N630160B4*	264270	LV4A3N630160U4*	282535
NSX630N	NSX250N	LV4A3N630250B4*	273440	LV4A3N630250U4*	291700
NSX630N	NSX400N	LV4A3N630400B4	328510	LV4A3N630400U4	348985
NSX630N	NSX630N	LV4A3N630630B4	333280	LV4A3N630630U4	353765

With NSX100N - NSX630N 50kA 4P MCCB

Breaker for Normal Supply	Breaker for Replacement Supply	4P BA Controller Reference	Unit MRP [₹]	4P UA Controller Reference	Unit MRP [₹]
NSX100N	NSX100N	LV4A4N100100B4	228990	LV4A4N100100U4	249475
NSX160N	NSX100N	LV4A4N160100B4	236840	LV4A4N160100U4	257325
NSX160N	NSX160N	LV4A4N160160B4	237295	LV4A4N160160U4	257785
NSX250N	NSX100N	LV4A4N250100B4	252500	LV4A4N250100U4	272975
NSX250N	NSX160N	LV4A4N250160B4	260345	LV4A4N250160U4	280825
NSX250N	NSX250N	LV4A4N250250B4	275925	LV4A4N250250U4	282300
NSX400N	NSX100N	LV4A4N400100B4*	281610	LV4A4N400100U4*	287710
NSX400N	NSX160N	LV4A4N400160B4*	286860	LV4A4N400160U4*	294650
NSX400N	NSX250N	LV4A4N400250B4*	289240	LV4A4N400250U4*	307520
NSX400N	NSX400N	LV4A4N400400B4	346150	LV4A4N400400U4	366620
NSX630N	NSX160N	LV4A4N630160B4*	286345	LV4A4N630160U4*	304605
NSX630N	NSX250N	LV4A4N630250B4*	299200	LV4A4N630250U4*	317470
NSX630N	NSX400N	LV4A4N630400B4	357345	LV4A4N630400U4	377830
NSX630N	NSX630N	LV4A4N630630B4	368545	LV4A4N630630U4	389045

* Downstream coupling accessories are not available.

Note:

Each reference consists of:

- 2 MCCBs with Motor mechanism & Standard Trip Units.
- 4 Auxiliary contacts 2OF + 2SDE
- 1 Base Plate with IVE unit for mechanical & electrical interlocking
- 1 Downstream coupling accessory is supplied only when both the MCCB are of same Frame size.
- Control Unit UA or BA

ATS upto 250A are provided with TMD type trip unit & for 400/630A with Micrologic 2 trip unit as standard.

ATS with MCCBs of other breaking capacities & other versions of trip units can also be supplied. Prices available on request.

Above given references with BA/UA controller are suitable for 415V AC control supply.

UA controller with 220/240V AC is not available

Replace suffix "4" by "2" for BA controller with 220/240V AC control supply.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

☑ NORMAL STOCK ITEMS

W.E.F. January 18, 2019

Compact NS

Simply A Step Ahead

Circuit breakers and switch-disconnectors from 800 to 3200A

- Category B MCCBs
- Ethernet based monitoring, control, alarm notification for energy, asset and network management
- Built-in energy metering with combined accuracy class of 2% for improved energy efficiency
- Total Discrimination
- Breaking Capacity upto 150kA



2 sizes:

from 800 to 3200A



Compact NS800A to 1600



Compact NS1600b to 3200



Micrologic
without
Display

Micrologic A

Micrologic E

Micrologic P

LB 200kA	■	■			
L 150kA	■	■	■		
H 70kA	■	■	■	■	■
n 50kA	■	■	■	■	■
	NS630b	NS800	NS1000	NS1250	NS1600

H 85kA	■	■	■	■
N 70kA	■	■	■	■
	NS1600b	NS2300	NS2500	NS3200

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

✓ NORMAL STOCK ITEMS

W.E.F. January 18, 2019

With Micrologic Trip Units (Common for ACBs & MCCBs) - Unique Feature of Schneider Electric devices



With Micrologic 2.0 Manual Fixed

- LED overload alarm indicator
- Test Facility
- Adjustable neutral protection - N, N/2, OFF for 4 Pole MCCBs
- Adjustable overload (Ir) 0.4 - 1 x In
- Short circuit (Instantaneous) 1.5 - 10 x Ir

Breaking Capacity Icu as per IEC 60947-2	Rated Current [A]	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
With Direct Rotary Handle					
50kA	800	INA_3P33466D ☒	62550	INA_4P33469D	81825
	1000	INA_3P33472D	80285	INA_4P33475D	116485
	1250	INA_3P33478D	100105	INA_4P33480D	153520
70kA	800	INA_3P33467D	76450	INA_4P33470D	97715
	1000	INA_3P33473D	101155	INA_4P33476D	152095
	1250	INA_3P33479D	126220	INA_4P33481D	167540
With Extended Rotary Handle					
50kA	800	INA_3P33466E ☒	66350	INA_4P33469E ☒	86205
	1000	INA_3P33472E ☒	86300	INA_4P33475E ☒	124290
	1250	INA_3P33478E ☒	102985	INA_4P33480E	156945
70kA	800	INA_3P33467E	80660	INA_4P33470E	102565
	1000	INA_3P33473E	106000	INA_4P33476E	158590
	1250	INA_3P33479E	126880	INA_4P33481E	174445



With Micrologic 6.0.A Manual Fixed

- LED overload alarm indicator
- Test Facility
- Adjustable neutral protection - N, N/2, OFF
- With ammeter display & bargraph (Bargraph is unique feature of Schneider MCCB)
- Zone Selective Interlocking
- Communication optional
- Individual fault indication by LED

Breaking Capacity Icu as per IEC 60947-2	Rated Current [A]	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
With Direct Rotary Handle					
50kA	800	INA_3P96466D	88600	INA_4P96469D	107875
	1000	INA_3P96472D	106325	INA_4P96475D	142540
	1250	INA_3P96478D	124710	INA_4P96480D	177085
70kA	800	INA_3P96467D	102500	INA_4P96470D	123765
	1000	INA_3P96473D	127195	INA_4P96476D	178155
	1250	INA_3P96479D	150320	INA_4P96481D	193590
With Extended Rotary Handle					
50kA	800	INA_3P96466E	93070	INA_4P96469E	113020
	1000	INA_3P96472E	111395	INA_4P96475E	160800
	1250	INA_3P96478E	127805	INA_4P96480E	178910
70kA	800	INA_3P96467E	107490	INA_4P96470E	129390
	1000	INA_3P96473E	132825	INA_4P96476E	185380
	1250	INA_3P96479E	152200	INA_4P96481E	199280

Remarks: Trip Unit Micrologic 6.0.A

Parameter	Description	Setting
Ir	Adjustable Overload Current	0.4 - 1 x In
tr	Adjustable Overload time delay	0.5 - 24 sec
Isd	Adjustable Short Circuit Current	1.5 - 10 x Ir
tsd	Adjustable Short Circuit time delay	0.1 - 0.4sec & OFF (I²t ON/OFF)
Ii	Adjustable Instantaneous Current	2 - 15 x In & OFF
Ig	Adjustable Earth Fault Current	0.2 - In (for <1250A) / 500 - 1200A (for ≥1250A)
tg	Adjustable Earth Fault time delay	0.1 - 0.4sec & OFF (I²t ON/OFF)

Display shows readings of I1, I2, I3, In & Earth Fault Current Value. Also Maximeters of Three Phase Currents are stored & displayed.

LED bargraph shows the % loading on each phase

Note: For above MCCB with trip unit Micrologic 5.0, 5.0A, 5.0P, 6.0P and MCCB with higher breaking capacities, contact our nearest Sales Office

Functionality of all the above Micrologic is same as that of Masterpact NT/NW ACB.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

☒ NORMAL STOCK ITEMS

W.E.F. January 18, 2019

With Micrologic Trip Units (Common for ACBs & MCCBs) - Unique Feature of Schneider Electric devices



With Micrologic 2.0E Manual Fixed (With Embedded Energy Metering)

- LED overload alarm indicator
- Measurement: Ammeter, current demand, voltages (ph-ph, ph-N & unbalance), Power (P,Q,S), power factor, power demand, Energy (Ep, Eq, Es)
- Adjustable neutral protection - N, N/2, OFF for 4 Pole MCCBs
- Communication option & M2C programmable contacts
- Adjustable overload (Ir) 0.4 - 1 x In
- Short circuit (Instantaneous) 1.5 - 10 x Ir

Breaking Capacity Icu as per IEC 60947-2	Rated Current [A]	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
With Direct Rotary Handle					
50kA	800	INA_8N3PFM2ED1	91540	INA_8N4PFM2ED1	106280
	1000	INA_10N3PFM2ED1	104615	INA_10N4PFM2ED1	153110
	1250	INA_12N3PFM2ED1	129890	INA_12N4PFM2ED1	188700
70kA	800	INA_8H3PFM2ED1	107290	INA_8H4PFM2ED1	131670
	1000	INA_10H3PFM2ED1	135480	INA_10H4PFM2ED1	193900
	1250	INA_12H3PFM2ED1	158700	INA_12H4PFM2ED1	211540
With Extended Rotary Handle					
50kA	800	INA_8N3PFM2EE1	93620	INA_8N4PFM2EE1	108195
	1000	INA_10N3PFM2EE1	114035	INA_10N4PFM2EE1	155170
	1250	INA_12N3PFM2EE1	143430	INA_12N4PFM2EE1	191200
70kA	800	INA_8H3PFM2EE1	109605	INA_8H4PFM2EE1	133680
	1000	INA_10H3PFM2EE1	137610	INA_10H4PFM2EE1	195960
	1250	INA_12H3PFM2EE1	160790	INA_12H4PFM2EE1	213660



With Micrologic 6.0E Manual Fixed (With Embedded Energy Metering)

- LED overload alarm indicator
- Measurement: Ammeter, current demand, voltages (ph-ph, ph-N & unbalance), Power (P,Q,S), power factor, power demand, Energy (Ep, Eq, Es)
- Adjustable neutral protection - N, N/2, OFF
- With ammeter display & bargraph ## (Bargraph is unique feature of Schneider MCCB)
- Zone Selective Interlocking
- Communication optional
- Individual fault indication by LED

Breaking Capacity Icu as per IEC 60947-2	Rated Current [A]	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
With Direct Rotary Handle					
50kA	800	INA_8N3PFM6ED1	96915	INA_8N4PFM6ED1	123555
	1000	INA_10N3PFM6ED1	131525	INA_10N4PFM6ED1	172025
	1250	INA_12N3PFM6ED1	148695	INA_12N4PFM6ED1	201370
70kA	800	INA_8H3PFM6ED1	122220	INA_8H4PFM6ED1	148795
	1000	INA_10H3PFM6ED1	155685	INA_10H4PFM6ED1	214675
	1250	INA_12H3PFM6ED1	179045	INA_12H4PFM6ED1	232555
With Extended Rotary Handle					
50kA	800	INA_8N3PFM6EE1	102865	INA_8N4PFM6EE1	125535
	1000	INA_10N3PFM6EE1	132530	INA_10N4PFM6EE1	174040
	1250	INA_12N3PFM6EE1	150765	INA_12N4PFM6EE1	205560
70kA	800	INA_8H3PFM6EE1	123230	INA_8H4PFM6EE1	150990
	1000	INA_10H3PFM6EE1	157700	INA_10H4PFM6EE1	216775
	1250	INA_12H3PFM6EE1	181180	INA_12H4PFM6EE1	232590

Remarks: Trip Unit Micrologic 6.0E

Parameter	Description	Setting
Ir	Adjustable Overload Current	0.4 - 1 x In
tr	Adjustable Overload time delay	0.5 - 24 sec
I _{sd}	Adjustable Short Circuit Current	1.5 - 10 x Ir
t _{sd}	Adjustable Short Circuit time delay	0.1 - 0.4sec & OFF (I ² t ON/OFF)
I _i	Adjustable Instantaneous Current	2 - 15 x In & OFF
I _g	Adjustable Earth Fault Current	0.2 - In (for <1250A) / 500 - 1200A (for ≥1250A)
t _g	Adjustable Earth Fault time delay	0.1 - 0.4sec & OFF (I ² t ON/OFF)

Display shows readings of I₁, I₂, I₃, In & Earth Fault Current Value. Also Maximeters of Three Phase Currents are stored & displayed.
LED bargraph shows the % loading on each phase

Note: For above MCCB with trip unit Micrologic 5.0, 5.0A, 5.0P, 6.0P and MCCB with higher breaking capacities, contact our nearest Sales Office
Functionality of all the above Micrologic is same as that of Masterpact NT/NW ACB.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

✓ NORMAL STOCK ITEMS

W.E.F. January 18, 2019

With Micrologic Trip Units (Common for ACBs & MCCBs) - Unique Feature of Schneider Electric devices



With Micrologic 2.0 Electrical Fixed

- LED overload alarm indicator
- Test Facility
- Adjustable neutral protection - N, N/2, OFF for 4 Pole MCCBs
- Adjustable overload (Ir) 0.4 - 1 x In
- Short circuit (instantaneous) 1.5 - 10 x Ir

Breaking Capacity Icu as per IEC 60947-2	Rated Current [A]	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
For Control Voltage 220/240V AC					
50kA	800	INA_3P93280_20	113140	INA_4P93284_20	128495
	1000	INA_3P93290_20	133155	INA_4P93294_20	173925
	1250	INA_3P93300_20	151045	INA_4P93304_20	208870
70kA	800	INA_3P93281_20	128840	INA_4P93285_20	152840
	1000	INA_3P93291_20	156600	INA_4P93295_20	214030
	1250	INA_3P93301_20	179370	INA_4P93305_20	231370
For Control Voltage 415V AC					
50kA	800	INA_3P93280_40	113140	INA_4P93284_40	128495
	1000	INA_3P93290_40	133155	INA_4P93294_40	173925
	1250	INA_3P93300_40	151045	INA_4P93304_40	208870
70kA	800	INA_3P93281_40	128840	INA_4P93285_40	152840
	1000	INA_3P93291_40	156600	INA_4P93295_40	214030
	1250	INA_3P93301_40	179370	INA_4P93305_40	231370



With Micrologic 6.0.A Electrical Fixed

- LED overload alarm indicator
- Test Facility
- Adjustable neutral protection - N, N/2, OFF
- With ammeter display & bargraph ## (Bargraph is unique feature of Schneider MCCB)
- Zone Selective Interlocking
- Communication optional
- Individual fault indication by LED

Breaking Capacity Icu as per IEC 60947-2	Rated Current [A]	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
For Control Voltage 220/240V AC					
50kA	800	INA_3P96280_20	142470	INA_4P96284_20	164160
	1000	INA_3P96290_20	162490	INA_4P96294_20	203270
	1250	INA_3P96300_20	173435	INA_4P96304_20	229030
70kA	800	INA_3P96281_20	158170	INA_4P96285_20	182170
	1000	INA_3P96291_20	185925	INA_4P96295_20	243365
	1250	INA_3P96301_20	208700	INA_4P96305_20	260690
For Control Voltage 415V AC					
50kA	800	INA_3P96280_40	142470	INA_4P96284_40	164160
	1000	INA_3P96290_40	162490	INA_4P96294_40	203270
	1250	INA_3P96300_40	173435	INA_4P96304_40	229030
70kA	800	INA_3P96281_40	158170	INA_4P96285_40	182170
	1000	INA_3P96291_40	185925	INA_4P96295_40	243365
	1250	INA_3P96301_40	208700	INA_4P96305_40	260690

Remarks: Trip Unit Micrologic 6.0.A

Parameter	Description	Setting
Ir	Adjustable Overload Current	0.4 - 1 x In
tr	Adjustable Overload time delay	0.5 - 24 sec
I _{sd}	Adjustable Short Circuit Current	1.5 - 10 x Ir
tsd	Adjustable Short Circuit time delay	0.1 - 0.4sec & OFF (I _t ON/OFF)
I _i	Adjustable Instantaneous Current	2 - 15 x In & OFF
I _g	Adjustable Earth Fault Current	0.2 - In (for <1250A) / 500 - 1200A (for ≥1250A)
tg	Adjustable Earth Fault time delay	0.1 - 0.4sec & OFF (I _t ON/OFF)

Display shows Readings of I1, I2, I3, In & Earth Fault Current Value. Also Maximeters of Three Phase Currents are stored & displayed.

LED bargraph shows the % loading on each phase

Note: For above MCCB with trip unit Micrologic 5.0, 5.0A, 5.0P, 6.0P and MCCB with higher breaking capacities, contact our nearest Sales Office
Functionality of all the above Micrologic is same as that of Masterpact NT/NW ACB.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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With Micrologic Trip Units (Common for ACBs & MCCBs) - Unique Feature of Schneider Electric devices



With Micrologic 2.0E Electrical Fixed (With Embedded Energy Metering)

- LED overload alarm indicator
- Measurement: Ammeter, current demand, voltages (ph-ph, ph-N & unbalance), Power (P,Q,S), power factor, power demand, Energy (Ep, Eq, Es)
- Adjustable neutral protection - N, N/2, OFF for 4 Pole MCCBs
- Adjustable overload (Ir) 0.4 - 1 x In
- Short circuit (instantaneous) 1.5 - 10 x Ir

Breaking Capacity Icu as per IEC 60947-2	Rated Current [A]	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
For Control Voltage 220/240V AC					
50kA	800	INA_8N3PFE2E0120	134810	INA_8N4PFE2E0120	157210
	1000	INA_10N3PFE2E0120	155070	INA_10N4PFE2E0120	196590
	1250	INA_12N3PFE2E0120	173710	INA_12N4PFE2E0120	232120
70kA	800	INA_8H3PFE2E0120	148135	INA_8H4PFE2E0120	175100
	1000	INA_10H3PFE2E0120	178960	INA_10H4PFE2E0120	237330
	1250	INA_12H3PFE2E0120	202080	INA_12H4PFE2E0120	254950
For Control Voltage 415V AC					
50kA	800	INA_8N3PFE2E0140	134810	INA_8N4PFE2E0140	157210
	1000	INA_10N3PFE2E0140	155070	INA_10N4PFE2E0140	196590
	1250	INA_12N3PFE2E0140	173320	INA_12N4PFE2E0140	232120
70kA	800	INA_8H3PFE2E0140	148130	INA_8H4PFE2E0140	175100
	1000	INA_10H3PFE2E0140	178960	INA_10H4PFE2E0140	237330
	1250	INA_12H3PFE2E0140	202080	INA_12H4PFE2E0140	254950

With Micrologic 6.0E Electrical Fixed (With Embedded Energy Metering)

- LED overload alarm indicator
- Measurement: Ammeter, current demand, voltages (ph-ph, ph-N, unbalance), Power (P,Q,S), power factor, power demand, Energy (Ep,Eq,Es)
- Adjustable neutral protection - N, N/2, OFF
- With ammeter display & bargraph ## (Bargraph is unique feature of Schneider MCCB)
- Zone Selective Interlocking
- Communication optional
- Individual fault indication by LED

Breaking Capacity Icu as per IEC 60947-2	Rated Current [A]	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
For Control Voltage 220/240V AC					
50kA	800	INA_8N3PFE6E0120	153225	INA_8N4PFE6E0120	170610
	1000	INA_10N3PFE6E0120	173600	INA_10N4PFE6E0120	214990
	1250	INA_12N3PFE6E0120	191770	INA_12N4PFE6E0120	251160
70kA	800	INA_8H3PFE6E0120	169230	INA_8H4PFE6E0120	193580
	1000	INA_10H3PFE6E0120	197430	INA_10H4PFE6E0120	255800
	1250	INA_12H3PFE6E0120	220590	INA_12H4PFE6E0120	273470
For Control Voltage 415V AC					
50kA	800	INA_8N3PFE6E0140	153230	INA_8N4PFE6E0140	170610
	1000	INA_10N3PFE6E0140	173600	INA_10N4PFE6E0140	214990
	1250	INA_12N3PFE6E0140	191770	INA_12N4PFE6E0140	251160
70kA	800	INA_8H3PFE6E0140	169230	INA_8H4PFE6E0140	193580
	1000	INA_10H3PFE6E0140	197430	INA_10H4PFE6E0140	255800
	1250	INA_12H3PFE6E0140	220590	INA_12H4PFE6E0140	273470

Accessories

For Compact NS800 - 1600A

Type	Voltage	Shunt Release Reference	Unit LP [₹]	Undervoltage Reference	Unit LP [₹]
Voltage Releases					
AC 50/60 Hz	24 V	33659	5350	33668	5450
	48 V	33660	5350	33669	5450
	110-130 V	33661 ☒	5330	33670	5450
	220-240 V	33662 ☒	5350	33671 ☒	5450
	380-415 V	33664	5350	33673 ☒	5450
DC	24 V	33659	5350	33668	5450
	48 V	33660	5350	33669	5450
	125 V	33661 ☒	5330	33670	5450
	250 V	33662 ☒	5350	33671 ☒	5450

Description	NS800 to 1600 Reference	Unit LP [₹]
Spreaders (Set of 3) 3P	33622 ☒	8885
Spreaders (Set of 4) 4P	33623 ☒	11060

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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The easy choice for quality and value

EasyPact CVS

LV circuit breakers from 16A to 800A



Safe



Reliable



Simple

EasyPact CVS

Easy Choice for Quality and Value



- EasyPact CVS MCCBs upto 630A is the easy choice for all your most common electrical distribution applications
- Encapsulated double break roto technique ensures outstanding current limiting capability
- High electrical / mechanical endurance for enhanced service life
- Single accessory reference for different functions – on/off, trip and fault trip – improves shop floor efficiency
- Separate electrical fault indication for ease of fault diagnosis
- Suitable for isolation

Range Details:

- Breaking capacity 25kA to 50kA, $I_{cs} = 100\% I_{cu}$
- TMD, MA, Microprocessor trip units (LS₀I protection 400 & 630A) and Microprocessor trip units (LSIG protection 25A to 630A).
- 3P & 4P versions available
- Common accessories upto 630A

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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With Thermal Magnetic Trip Unit (TMD)



- Range upto 100A
- 3P and 4P version available

Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
EasyPact CVS 100 BS Overload Setting (Ir) 0.8 - 1 x In					
25kA*	16A	LV510930	5920	LV510950	8050
	20A	LV510931	5920	LV510951	8050
	25A	LV510932	5920	LV510952	8050
	32A	LV510933	5920	LV510953	8050
	40A	LV510934	5920	LV510954	8050
	50A	LV510935	5920	LV510955	8050
	63A	LV510936	5920	LV510956	8050
	80A	LV510937	5920	LV510957	8050
	100A	LV510938	5920	LV510958	8050

Accessories

Description	CVS100BS Reference	Unit LP [₹]
Auxiliary contacts (changeover) Multifunction		
Auxiliary Switch 1 C/O	EZAUX10 ☒	770
Alarm Switch 1 C/O	EZAUX01	770
Alarm - Auxiliary Switch	EZAUX11 ☒	1165
Spreaders		
Spreaders *(Set Of 3) 3P	EZASPDR3P ☒	310
Spreaders *(Set Of 4) 4P	EZASPDR4P ☒	420
Rotary Handle		
Direct Rotary handle	EZAROTDS ☒	1110
Extended Rotary handle	EZAROTE	1640
Shunt Release		
AC		
100-130 V	EZASHT100AC	1640
200-277 V	EZASHT200AC ☒	1640
380-480 V	EZASHT380AC	1640
DC		
24 V	EZASHT024DC	1640
48 V	EZASHT048DC	1640

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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• Ics = 100% Icu as per IEC 60947-2

Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
Easypact CVS 100 to 630A Overload Setting (Ir) 0.7 - 1 x In					
25kA	16A	LV510300 ✓	6480	LV510310	8960
	25A	LV510301 ✓	6480	LV510311 ✓	8960
	32A	LV510302 ✓	6480	LV510312 ✓	8960
	40A	LV510303 ✓	6480	LV510313 ✓	8960
	50A	LV510304 ✓	6480	LV510314	8960
	63A	LV510305 ✓	6480	LV510315 ✓	8960
	80A	LV510306 ✓	6480	LV510316 ✓	8960
	100A	LV510307 ✓	6480	LV510317 ✓	8960
	125A	LV516302 ✓	9390	LV516312 ✓	11360
	160A	LV516303 ✓	12250	LV516313 ✓	14510
	200A	LV525302 ✓	16220	LV525312	20040
Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
25kA	250A	LV525303 ✓	18890	LV525313	22960

Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
Easypact CVS 100 to 630A Overload Setting (Ir) 0.7 - 1 x In					
36kA	16A	LV510330 ✓	9050	LV510340	11240
	25A	LV510331 ✓	9050	LV510341	11240
	32A	LV510332 ✓	9050	LV510342 ✓	11240
	40A	LV510333 ✓	9050	LV510343 ✓	11240
	50A	LV510334 ✓	9050	LV510344	11240
	63A	LV510335 ✓	9050	LV510345 ✓	11240
	80A	LV510336 ✓	9050	LV510346	11240
	100A	LV510337 ✓	9050	LV510347 ✓	11240
	125A	LV516332 ✓	10020	LV516342	12350
	160A	LV516333 ✓	13270	LV516343	15690
	200A	LV525332	18460	LV525342 ✓	22620
Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
36kA	250A	LV525333	20480	LV525343 ✓	25040
	320A	LV540305	26380	LV540308 ✓	33050
	400A	LV540306	26400	LV540309 ✓	33500
	500A	LV563305 ✓	28510	LV563308 ✓	35920
	630A**	LV563306 ✓	32300	LV563309 ✓	39430

Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
50kA	16A	LV510470 ✓	11850	LV510480	14570
	25A	LV510471	11850	LV510481	14570
	32A	LV510472 ✓	11850	LV510482 ✓	14570
	40A	LV510473	11850	LV510483	14570
	50A	LV510474	11850	LV510484	14570
	63A	LV510475 ✓	11850	LV510485 ✓	14570
	80A	LV510476 ✓	11850	LV510486	14570
	100A	LV510477 ✓	11850	LV510487 ✓	14570
	125A	LV516462 ✓	15190	LV516467	16290
	160A	LV516463 ✓	16120	LV516468	19200
	200A	LV525452	20860	LV525457 ✓	26210
Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
50kA	250A	LV525453	22420	LV525458 ✓	27640
	320A	LV540315 ✓	27500	LV540318	33500
	400A	LV540316 ✓	27430	LV540319 ✓	34280
	500A	LV563315 ✓	31510	LV563318	40140
	630A**	LV563316 ✓	33590	LV563319 ✓	42720

Note:

- EasyPact CVS can also be used for DC network protection (from 16-630A TMD)
- For performance and other details contact our nearest Sales Office.

**630A @ 30°C & 600A @ 40°C for TMD630A MCCB

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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EasyPact CVS 800A with Thermal Magnetic type trip unit.



- Ics = 100% Icu as per IEC 60947-2
- TMD type Trip Unit
- Adjustable overload from 0.8 - 1 x In
- Adjustable short circuit for each phase from 3.5 - 10 x Ir

Breaking Capacity Ics as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
36kA	800A	LV580300 ☒	51280	LV580301 ☒	55340
50kA	800A	LV580302 ☒	56670	LV580303 ☒	64670

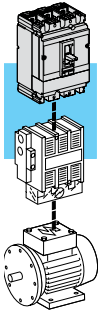
EasyPact CVS 400 to 630A With Microprocessor Based Trip Unit



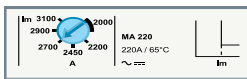
- Ics = 100% Icu as per IEC 60947-2
- Suitable for Isolation
- Adjustable Overload from 0.4 to 1*In
- Adjustable Short Circuit from 1.4 to 10*Ir
- Adjustable Neutral Protection - N, N/2, OFF for 4 Pole MCCB
- Inbuilt Thermal Memory

Breaking Capacity Ics as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
36 kA	400A	LV540505 ☒	30230	LV540506 ☒	37670
	630A	LV563505 ☒	33230	LV563506 ☒	44520
50 kA	400A	LV540510 ☒	33030	LV540511 ☒	42570
	630A	LV563510 ☒	36150	LV563511 ☒	47280

Circuit Breakers for Motor Protection
Breaking Capacity 50kA, Ics=Icu



Current Rating	2.5	6.3	12.5	25	50	100	150	220	320	500	
CVS 100	6..14In										
CVS 160/250							9..14In				
CVS 400									6..13In		
CVS 630										6..13In	



Frame 1	2.5 to 220A
Frame 2	320 to 500A

With Magnetic Trip Unit MA type

Breaking Capacity Ics as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]
50kA	2.5A	LV510450	7860
	6.3A	LV510451	7860
	12.5A	LV510452 ☒	8540
	25A	LV510453 ☒	11480
	50A	LV510454 ☒	11530
	100A	LV510455 ☒	11610
	150A	LV516451 ☒	14840
Breaking Capacity Ics as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]
50kA	220A	LV525442 ☒	16270
	320A	LV540552 ☒	24130
	500A	LV563552	30160

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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EasyPact CVS with built in LSIG trip unit (ETS 6) key features.



- Rated Current, In (A) – 25, 40, 100, 160, 250, 400, 630
 - Breaking capacity (Icu=Ics) (kA) at 415V – 25*, 36, 50
 - 3 Pole and 4 pole versions.
 - Built-in μ P based trip unit having protection functions LSIG. Variable current setting for L,S,I and G and variable time delay setting for L,S and G.
 - Neutral O/L protection possible with 3P MCCB (with External Neutral CT) and 4P MCCB
 - Last Fault trip history on LCD screen of MCCB i.e Faulty phase, Type of Fault and interrupted current.
 - Same accessories of present ECVS range
- * only upto 250A.

With ETS 6 trip unit (built in LSIG protection)					
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
25kA	25A	LV510600	24530	LV510610	28470
	40A	LV510608	24530	LV510618	28470
	100A	LV510609	24530	LV510619	28470
	160A	LV516600	28180	LV516610	34940
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
25kA	250A	LV525600	33270	LV525610	40900
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
36kA	25A	LV510620	25570	LV510630	29680
	40A	LV510628	25570	LV510638	29680
	100A	LV510629	25570	LV510639	29680
	160A	LV516620	29210	LV516630	36230
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
36kA	250A	LV525620	35220	LV525630	43370
	400A	LV540620	42070	LV540630	48720
	630A	LV563620	46050	LV563630	56160
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
50kA	25A	LV510640	27980	LV510650	33360
	40A	LV510648	27980	LV510658	33360
	100A	LV510649	27980	LV510659	33360
	160A	LV516640	33590	LV516650	40040
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
50kA	250A	LV525640	36900	LV525650	44670
	400A	LV540640	44150	LV540650	52710
	630A	LV563640	48880	LV563650	63110

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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Easy-Pact CVS Switch Disconnecter Version



- Suitable for Isolation with positive contact indication as defined by standard IEC 60947-3.
- Compliance to utilization categories AC22A or AC23A
- Self protected due to high magnetic-set release
- Two frame sizes upto 630A
- Available in fixed version.
- Common Accessories as that of EasyPact CVS circuit breaker

Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
100A	LV510425	5700	LV510426	7210
160A	LV516425	6790	LV516426	8540
Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
250A	LV525425	14230	LV525426	18950
400A	LV540400	20870	LV540401	26560
630A	LV563400	23720	LV563401	31890

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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Indication contacts



Voltage Release



Padlocking accessory



Direct Rotary Handle



Extended Rotary Handle

Accessories for EasyPact CVS 100 - 630A

Auxiliary Contacts (Changeover) Multifunction

Description	Reference	Unit LP [₹]
OF or SD or SDE or SDV	29450 ✓	850
OF or SD or SDE or SDV low level	29452	925
SDE adapter for trip unit TM or MA or ETS 2.3 \$\$	LV429451 ✓	670

\$\$: To be considered alongwith SDE contact for MCCB with TMD/ETS 2.3/MA Trip Unit

Voltage Releases

Description	Shunt Release Reference	Unit LP [₹]	Undervoltage Reference	Unit LP [₹]
AC				
24 V 50/60 Hz	LV429384 ✓	2180	LV429404	2815
48 V 50/60 Hz	LV429385		LV429405	
110-130 V 50/60 Hz	LV429386 ✓		LV429406 ✓	
220-240 V 50/60 Hz	LV429387 ✓		LV429407 ✓	
380-415 V 50 Hz	LV429388 ✓		LV429408 ✓	
525 V 50 Hz	LV429389		LV429409	
DC				
12 V	LV429382	2180	LV429402	2815
24 V	LV429390 ✓		LV429410 ✓	
30 V	LV429391		LV429411	
48 V	LV429392		LV429412	
60 V	LV429383		LV429403	
125 V	LV429393		LV429413	
250 V	LV429394		LV429414	

Rotary Handles

Description	100/160/250A Reference	Unit LP [₹]	400/630A Reference	Unit LP [₹]
Direct rotary handle				
Standard black handle	LV429337 ✓	1120	LV432597 ✓	1680
Extended rotary handle				
Standard extended rotary handle	LV429338 ✓	1770	LV432598 ✓	3140

Installation Accessories

Description	100/160/250A Reference	Unit LP [₹]	400/630A Reference	Unit LP [₹]
Spreaders & Phase Barriers				
Spreaders (Set of 3) 3P	LV431563 ✓	620	32492 ✓	1400
Spreaders (Set of 4) 4P	LV431564 ✓	820	32493 ✓	1780
Phase Barriers (Set of 6)	*		LV432570 ✓	720
Interlocking				
For Breaker with Rotary Handle	LV429369	8320	LV432621	10475
For Breaker with Toggle	LV429354	9100	LV432614	10475
Mechanical Interlocking with Base Plate	29349**	17505	32609**	36875
Locking of Rotary Handle				
Locking Device	LV429344 ✓	525	LV432604 ✓	720
Ronis Keylock (1 Lock + 1 Key set)	41940 ✓	3635	41940 ✓	3635
Ronis Keylock (2 Locks + 1 Key set)	41950 ✓	7005	41950 ✓	7005
Profalux Keylock (1 Lock + 1 Key set)	42888	6135	42888	6135
Profalux Keylock (2 Locks + 1 Key set)	42878	7005	42878	7005

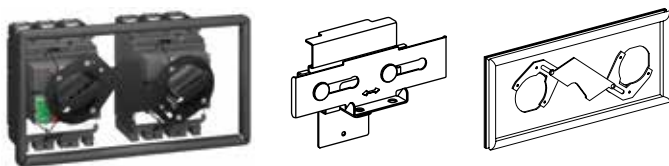
* supplied as standard with spreaders

** Mechanical Interlocking with Base Plate to be ordered with Safety trip interlock (LV429270 for 29349 and LV432520 for 32609)

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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Accessories for CVS 100 - 630A

Manual Source change-over systems

- An additional accessory interlocks two devices with rotary handles to create a source changeover system. Closing of one device is possible only if the second is open.
- This function is compatible with direct or extended rotary handles.
- Up to three padlocks can be used to lock in the OFF or ON position.

Description	Reference	Unit LP [₹]
Mechanical interlocking for circuit breakers		
With toggles 100A to 250A	LV429354	9100
With rotary handles 100A -250A	LV429369	8320
With toggles 400A to 630A	LV432614	10475
With rotary handles 400A to 630A	LV432621	10475

Accessories for CVS 800A

Auxiliary/Alarms contacts

Description	Reference	Unit LP [₹]
Auxiliary Switch 1 C/O	LV580075	1185
Alarm Auxiliary switch 1 c/o	LV580079	1660

Accessories for ETS 6 Trip unit

Description	CVS100/160/250 Reference number	Rating	Unit LP [₹]	CVS400/630 Reference number	Rating	Unit LP [₹]
External neutral CT for 3 pole breaker with ETS6	LV429521	25 - 100 A	on request	LV432575	400 - 630 A	on request
	LV430563	150 - 250 A	on request			
Description				CVS 100 to 630 Reference number	Unit LP [₹]	
Pocket Battery For MCCB With ETS 6				LV434206	15550	
24 VDC Terminal Block For MCCB With ETS 6				LV434210	4070	

Voltage Releases

Description	Shunt Release Reference	Unit LP [₹]	Undervoltage Reference	Unit LP [₹]
AC				
220-240 V 50/60 Hz	LV580061	2255	LV580071	2700

Rotary Handles

Description	800A Reference	Unit LP [₹]
Extended rotary handle		
Standard extended rotary handle	LV580081 ☒	1980

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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Safe, Reliable and Easy



With just three sizes of circuit breakers, Schneider Electric's EasyPact EZC system is the simple, universal solution, particularly adapted to Buildings and OEM segments

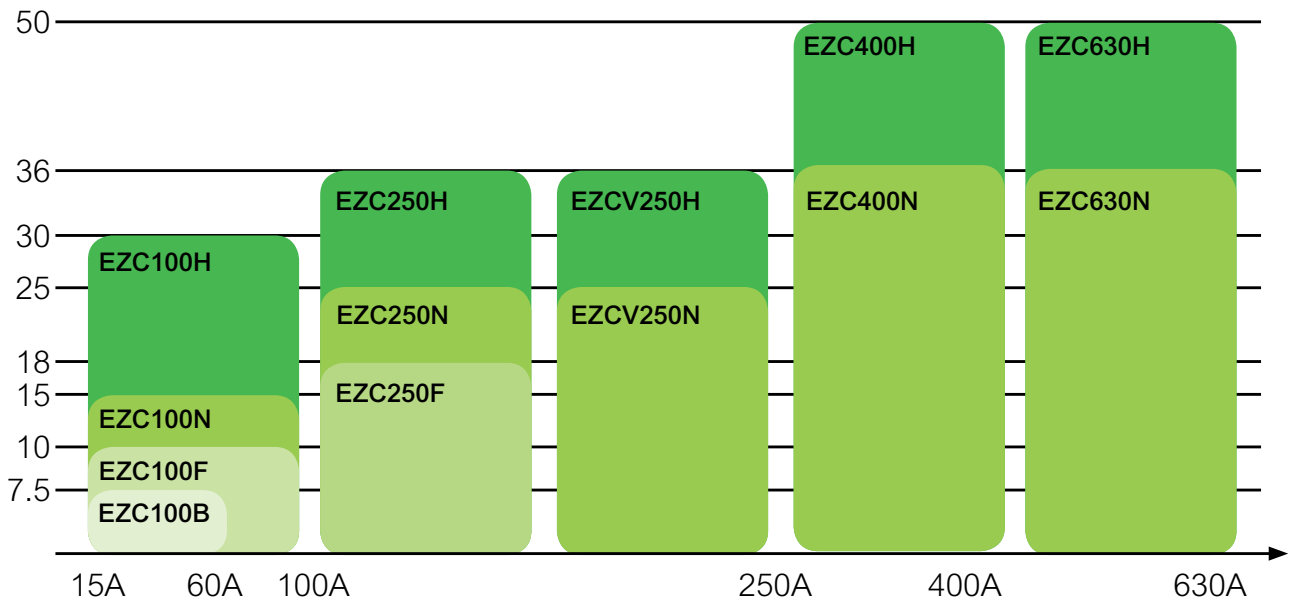
- Suitability for Isolation ensures safety
- Compliance to RoHS (Restriction of Hazardous Substances) for environment safety

Range Details:

- Global MCCB offer from 15A to 600A
- Breaking capacity upto 50kA @ 415 V AC
- 1P, 2P, 3P and 4P versions available
- EZC AC version is suitable for DC applications upto 250V DC (15A to 250A breaking capacity up to 30kA)
- Built in Earth leakage version 63A to 250A @ Icu36kA.

DB402889_1

▲ Breaking capacity Icu kA at 400/415V AC



For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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With Fixed Thermal Magnetic Trip Unit (TMD)

- Conforms to IEC60947-2
- Suitable for isolation
- Suitable for EasyPact Busbar system

BREAKING CAPACITY Icu AS PER IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]
"10 kA @ 415V AC 5kA @ 250V DC (2pole in series)"	16A	EZC100F3016	2760
	20A	EZC100F3020	
	25A	EZC100F3025	
	32A	EZC100F3032	
	40A	EZC100F3040	
	50A	EZC100F3050	
	63A	EZC100F3063	
	80A	EZC100F3080	
	100A	EZC100F3100	
"18 kA @ 415V AC 5kA @ 250V DC (2pole in series)"	125A	EZC250F3125	6315
	150A	EZC250F3150	6360
	160A	EZC250F3160	7210
	175A	EZC250F3175	8860
	200A	EZC250F3200	
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]
"18 kA @ 415V AC 5kA @ 250V DC (2pole in series)"	250A	EZC250F3250	10365
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Single Pole	Unit MRP [₹]
"18 kA @ 240V AC 5kA @ 125V DC "	16A	EZC100N1016	1970
	20A	EZC100N1020	
	25A	EZC100N1025	
	32A	EZC100N1032	
	40A	EZC100N1040	
	50A	EZC100N1050	
	63A	EZC100N1063	
	80A	EZC100N1080	
	100A	EZC100N1100	
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Two Pole Reference	Unit MRP [₹]
"50 kA @ 240V AC 10kA @ 250V DC (2pole in series)"	16A	EZC100H2016	3210
	20A	EZC100H2020	
	25A	EZC100H2025	
	32A	EZC100H2032	
	40A	EZC100H2040	
	50A	EZC100H2050	
	63A	EZC100H2063	
	80A	EZC100H2080	
	100A	EZC100H2100	
"85 kA @ 240V AC 30kA @ 250V DC (2pole in series)"	125A	EZC250H2125	6680
	150A	EZC250H2150	7870
	160A	EZC250H2160	7870
	175A	EZC250H2175	9475
	200A	EZC250H2200	
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]
"85 kA @ 240V AC 30kA @ 250V DC (2pole in series)"	250A	EZC250H2250	9755

Note:

- Contact customer care for 1P(up to 100A) and 2P (up to 250A) requirements
- 630A and other breaking capacity versions on request.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
"30 kA @ 415V AC 10kA @ 250V DC (2pole in series)"	15A	EZC100H3015	4350	EZC100H4015	6030
	20A	EZC100H3020		EZC100H4020	
	25A	EZC100H3025		EZC100H4025	
	32A	EZC100H3032		EZC100H4032	
	40A	EZC100H3040		EZC100H4040	
	50A	EZC100H3050		EZC100H4050	
	63A	EZC100H3063		EZC100H4063	
	80A	EZC100H3080		EZC100H4080	
	100A	EZC100H3100		EZC100H4100	
"25 kA @ 415V AC 20kA @ 250V DC (2pole in series)"	125A	EZC250N3125	6470	EZC250N4125	8930
	160A	EZC250N3160	7845	EZC250N4160	10505
	200A	EZC250N3200	9310	EZC250N4200	11745
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
"25 kA @ 415V AC 20kA @ 250V DC (2pole in series)"	250A	EZC250N3250	10640	EZC250N4250	13770
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
"36 kA @ 415V AC 30kA @ 250V DC (2pole in series)"	125A	EZC250H3125	6690	EZC250H4125	9020
	160A	EZC250H3160	8770	EZC250H4160	11290
	200A	EZC250H3200	10880	EZC250H4200	14700
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
"36 kA @ 415V AC 30kA @ 250V DC (2pole in series)"	250A	EZC250H3250	12160	EZC250H4250	16430
	320A	EZC400H3320N	18660	EZC400H4320N	21520
"50 kA @ 415V AC"	400A	EZC400H3400N	19250	EZC400H4400N	25160
	500A	EZC630H3500N	24720	EZC630H4500N	32120
	600A	EZC630H3600N	25760	EZC630H4600N	33580

Note:

- Contact customer care for 1P(up to 100A) and 2P (up to 250A) requirements
- 630A and other breaking capacity versions on request.

Description	EZC100 Reference	Unit LP ₹]	EZC250 Reference	Unit LP ₹]
Auxiliary Contacts (changeover) Multifunction				
Auxiliary Switch 1 C/O	EZAUX10	770	EZEAX	930
Alarm Switch 1 C/O	EZAUX01	770	EZEAL	930
Alarm - Auxiliary Switch	EZAUX11	1165	EZEAXAL	1390
Spreaders				
Spreaders *(Set Of 3) 3P	EZASPDR3P	310	EZESPDR3P	470
Spreaders *(Set Of 4) 4P	EZASPDR4P	420	EZESPDR4P	610
Phase Barriers				
	EZAFASB2	195	EZEFASB2	270
Rotary Handle				
Direct Rotary handle	EZAROTDS	1110	EZEROTDS	1390
Extended Rotary handle	EZAROTE	1640	EZEROTE	1640
Shunt Release				
AC				
100-130 V	EZASHT100AC	1640	EZESHT100AC	1640
200-277 V	EZASHT200AC		EZESHT200AC	
380-480 V	EZASHT380AC		EZESHT400AC	
DC				
24 V	EZASHT024DC	1580	EZESHT024DC	1640
48 V	EZASHT048DC		EZESHT048DC	

Description	EZC 400/600 Reference	Unit LP [₹]
Auxiliary Contacts		
OF or SD or SDE	29450	850
Spreaders		
Spreaders (Set of 3) 3P	32492	1400
Spreaders (Set of 4) 4P	32493	1780
Phase Barriers (Set of 6)		
	LV432570	720
Rotary Handle		
Direct Rotary handle	LV432597	1680
Extended Rotary handle	LV432598	3140
Shunt Release		
AC 220-240 V 50/60 Hz	LV429387	2100

EasyPact Range Busbar Systems



- Available for 250A, 400A & 630A main incoming current
- Available for 4,6,8 & 12 ways (3-pole) EasyPact 100A (max) outgoing MCCBs
- EZ Busbar rated 400A and 630A can accept the 2 ways or 4 ways branch extension for upto four additional 250A max outgoing circuits

[In] Rated Current	Description	Reference	Unit LP [₹]
250 A	EZ busbar 250A 4ways	EZB250W04	8660
	EZ busbar 250A 6ways	EZB250W06	10950
	EZ busbar 250A 8ways	EZB250W08	13245
	EZ busbar 250A 10ways	EZB250W10	15560
	EZ busbar 250A 12ways	EZB250W12	17845
400 A	EZ busbar 400A 4ways	EZB400W04	10950
	EZ busbar 400A 6ways	EZB400W06	13245
	EZ busbar 400A 8ways	EZB400W08	15560
	EZ busbar 400A 10ways	EZB400W10	17845
	EZ busbar 400A 12ways	EZB400W12	20140
630 A	EZ busbar 630A 4ways	EZB630W04	13245
	EZ busbar 630A 6ways	EZB630W06	15560
	EZ busbar 630A 8ways	EZB630W08	17845
	EZ busbar 630A 10ways	EZB630W10	20140
	EZ busbar 630A 12ways	EZB630W12	22440

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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EasyPact NKS AC MCCB

Moulded Case Circuit Breakers for Distribution Network

Fixed Thermal Magnetic Trip Unit (TMD)

- Conforms to IEC60947-2

Breaking Capacity Icu as per IEC60947-2	Rated Current	Reference	Unit MRP [₹]
10kA *	15	NKS100R015AC3P	1650
	20	NKS100R020AC3P	1650
	25	NKS100R025AC3P	1650
	32	NKS100R032AC3P	1650
	40	NKS100R040AC3P	1650
	50	NKS100R050AC3P	1650
	63	NKS100R063AC3P	1650
	75	NKS100R075AC3P	1650
	100	NKS100R100AC3P	1650
	110	NKS160R110AC3P	3800
	125	NKS160R125AC3P	3800
	140	NKS160R140AC3P	4200
	150	NKS160R150AC3P	4200
	160	NKS160R160AC3P	4200
	175	NKS200R175AC3P	5550
	200	NKS200R200AC3P	5550

*Ics=5kA

Description	EasyPact NKS100	Unit LP [₹]	EasyPact NKS 125A to 200	Unit LP [₹]
Auxiliary contacts (changeover) Multifunction				
Auxiliary Switch 1 C/O	EZAUX10	770	AX1CT1L	745
Alarm Switch 1 C/O	EZAUX01	770	AL1CT1NR	830
Alarm - Auxiliary Switch	EZAUX11	1165		
Spreaders				
Spreaders *(Set Of 3) 3P	EZASPD3P	310	NKSP13	295
Phase Barriers				
	EZAFASB2	195	-	-
Rotary Handle				
Direct Rotary handle	EZAROTDS	1110	-	-
Extended Rotary handle	EZAROTE	1640	NDHOMT1	1150
Shunt Release				
AC				
100-130 V	EZASHT100AC	1640	-	-
200-277 V	EZASHT200AC	1640	SHT240ACT1L	670
380-480 V	EZASHT380AC	1640	-	-
440 V	-	-	-	-
DC				
24 V	EZASHT024DC	1640	-	-
48 V	EZASHT024DC	1640	-	-
110 V	EZASHT048DC	1640	-	-
220 V	-	-	-	-
AC				
UVR 200-240VAC	On Request	-	-	-
220 V	-	-	UVT220/240ACT1	1235
415 V				

Note:

- Contact customer care for other accessories

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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Simpact NKS DC MCCB

• Fixed Thermal Magnetic Settings

Breaking Capacity Icu as per IEC 60947-2	Rated Current	One Pole Reference	Unit MRP [₹]
5 kA 125VDC L/R = 10ms	10A	NKS100R010DC1P	1450
	15A	NKS100R015DC1P	
	20A	NKS100R020DC1P	
	30A	NKS100R030DC1P	
	40A	NKS100R040DC1P	
	50A	NKS100R050DC1P	
	60A	NKS100R060DC1P	
	75A	NKS100R075DC1P	
	100A	NKS100R100DC1P	

• Fixed Thermal Magnetic Settings

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Two Pole Reference*	Unit MRP [₹]	Three Pole Reference	Unit MRP [₹]
10 kA 250VDC L/R = 10ms	10A	NKS100R010DC2P	4300	NKS100R010DC3P	4900
	15A	NKS100R015DC2P		NKS100R015DC3P	
	20A	NKS100R020DC2P		NKS100R020DC3P	
	25A	NKS100R025DC2P		NKS100R025DC3P	
	30A	NKS100R030DC2P		NKS100R030DC3P	
	40A	NKS100R040DC2P		NKS100R040DC3P	
	50A	NKS100R050DC2P		NKS100R050DC3P	
	60A	NKS100R060DC2P		NKS100R060DC3P	
	75A	NKS100R075DC2P		NKS100R075DC3P	
	100A	NKS100R100DC2P		NKS100R100DC3P	
	110A	NKS160R110DC2P	8050	NKS160R110DC3P	8850
	125A	NKS160R125DC2P		NKS160R125DC3P	
	140A	NKS160R140DC2P		NKS160R140DC3P	
	150A	NKS160R150DC2P		NKS160R150DC3P	
	160A	NKS160R160DC2P	8300	NKS160R160DC3P	9550
	175A	NKS200R175DC2P		NKS200R175DC3P	
	200A	NKS200R200DC2P		NKS200R200DC3P	

Note: *2 Pole MCCB shall be in 3P dimensions.

Spreaders are supplied as standard only with NKS200R for lower ratings consider spreader prices extra

Simpact NKS DC Accessories

Voltage	Reference	Unit LP [₹]
Shunt Release		
AC		
240 V	SHT240ACT1L	670
Under Voltage Release		
AC		
220 V	UVT220/240ACT1 ☒	1235

Description	Reference	Unit LP [₹]
Auxiliary contacts (changeover)		
Auxiliary Switch 1 C/O	AX1CT1L	745
Alarm Switch 1 C/O	AL1CT1NR	830
Rotary handles		
Standard extended rotary handle	NDHOMT1	1150
Spreaders		
Spreaders (Set of 3) 3P	NKSP13 ☒	295

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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Unique Modular Ground Fault Protection

Earth Fault Protection for EasyPact CVS/ Compact NSX MCCBs

Modular Device for EasyPact CVS/ Compact NSX Range Moulded Case Circuit Breakers

- Adjustable earth fault sensitivity selection 10 to 60%
- Adjustable time delay Inst/ 0.5 - 3 sec.
- System healthiness check through LED indication
- Individual fault indication for OL/SC, EF when used with Compact NSX & EasyPact CVS (Optional)
- Test facility to check healthiness of earth fault protection system without tripping MCCB
- Suitable for 3P3W & 3P4W electrical distribution network



Protection of electrical distribution network against fire



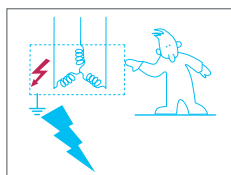
MCCB Frame	Relay Module rated current	3 Ph + 3W Reference	Unit MRP [₹]	3 Ph + 4W Reference	Unit MRP [₹]
CVS/NSX100	32, 40, 50, 63, 80, 100	GFP11CT13P ☒	5130	GFP11CT14P ☒	5620
CVS/NSX 160 / 250	125, 160, 200, 250	GFP12CT23P ☒	5830	GFP12CT24P ☒	6580
CVS/NSX 400 / 630	400, 630	GFP13CT33P ☒	8810	GFP13CT34P ☒	9620
CVS 800	800	GFP14CT43P	10860	GFP14CT44P	12160

Note: Kindly order one no. Shunt trip coil along with one Ground Fault Protection Module for CVS100 to 630. Order one auxiliary contact alongwith shunt coil for CVS800.

Earth Leakage Protection

Earth Leakage Protection is obtained by: Fitting a VIGI Module on the Circuit Breakers

VIGI Module Earth Leakage Device for EasyPact CVS/ Compact NSX Range Moulded Case Circuit Breakers



Protection of people



VIGI Module



CVS + VIGI



NSX + VIGI

- Compliance with Standards - IEC60947-2 appendix B, IEC 60255-4 and IEC60801-2 to 5 covering protection against nuisance tripping due to:
 - Transient overvoltages, lightning strikes
 - Switching of devices on the distribution system
 - Electrostatic discharges and radio frequency disturbances
- Device can be equipped with multifunction aux contact of MCCB to remotely signal tripping due to earth fault
- Self powered - "no aux supply required"
- Instantaneous tripping at 30mA in less the 40ms for human protection
- Direct acting device - no shunt/UV release required in MCCB

MCCB Frame	Type	Three Pole Reference ⁽¹⁾	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
CVS/NSX - 100/160	ME	LV429212	12770	LV429213	13795
CVS/NSX - 100/160	MH	LV429210 ☒	16405	LV429211	18125
CVS/NSX - 250	MH	LV431535	18620	LV431536	19035
CVS/NSX - 400/630	MB	LV432455	46120	LV432456	48025

ME Type	MH Type	MB Type
- Sensitivity - 300mA (fixed) - Instantaneous time delay - Fixed < 40ms	- Sensitivity - adjustable 30mA - 300mA-1A-3A-10A - Instantaneous time delay(ms) 0 - 60 ⁽²⁾ - 150 ⁽²⁾ - 310 ⁽²⁾	- Sensitivity - adjustable 300mA-1A-3A-10A -30A - Instantaneous time delay (ms) 0 - 60 - 150 - 310

(1) Vigi 3P modules may also be used on 3P circuit breaker used for single phase or two phase protection

(2) If the sensitivity is set to 30mA, there is no time delay, whatever the time delay setting

Insulation monitoring module for EasyPact CVS/ Compact NSX Range Moulded Case Circuit Breakers



- Settings: 100 - 200 - 500 - 1000mA
- Indication by Red LED without tripping the circuit breaker
- Option for installing auxiliary contact for remote indication/tripping

Description	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
CVS/NSX 100- 250A				
220 to 440V AC	LV429459	14905	LV429460	16015
Connection for a 4P insulation monitoring module on a 3P breaker	-	-	LV429214	6150
CVS/NSX 400- 630A				
220 to 440V AC	LV432659	23605	LV432660	26340
Connection for a 4P insulation monitoring module on a 3P breaker	-	-	LV432457	17355

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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Earth Leakage Protection is obtained by:

- Installing a Micrologic 7.0.A control unit (Compact NS800 - 3200A/ Masterpact NT/NW ACB)
- Using Vigirex Relays and separate Toroids or Rectangular Sensors

Vigirex Relays



Vigirex Relays along with Vigirex Sensors, may be used to add external Earth Leakage Protection to Circuit Breakers

- Sensitivity Adjustments from 30mA to 30A and time delay settings from (0-4.5 seconds)
- Closed Toroid up to 630A (30 to 300mm in diameter), Split Toroid up to 250A (46 to 110mm in diameter) or
- Rectangular sensor up to 3200A
- 400Hz Distribution System

Note: For further details, please contact our nearest Sales Office.

Type	Control Voltage	Din rail mount Reference	Unit MRP [₹]	Front panel mount Reference	Unit MRP [₹]
RH10 with local manual fault reset	220/240VAC	56130	9900	56230	10875
Sensitivity=0.03A	380/415VAC	56140		56240	
RH99 with local manual fault reset	220/240VAC	56173	14960	56273	16195
Sensitivity = 0.03- 30A & time delay= 0-4.5s	380/415VAC	56174	16500	56274	17005
RH197P with local manual or automatic fault reset	220/240VAC		-	56507*	18315
Sensitivity = 0.03- 30A & time delay= 0-4.5s	380/415VAC		-	56508*	19235
RH197P with local manual or automatic fault reset	220/240VAC		-	56512**	18500
Sensitivity = 0.03- 30A & time delay= 0-4.5s	380/415VAC		-	56513**	19415

* alarm at 50% of fault threshold

** alarm at 100% of fault threshold

Vigirex Sensors



Type	Ie(A) Rated Operational Current	Inside Diameter (mm)	Reference	Unit MRP [₹]
TA30	65	30	50437	6310
PA50	85	50	50438	8795
IA80	160	80	50439	10475
MA120	250	120	50440	12600
SA200	400	200	50441	19580
GA300	630	300	50442	43275

Note: For vigirex relay with monitoring and communication facility, contact nearest sales office.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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For Low Voltage Circuit Control and Isolation - Incomers for Distribution Boards

- Conforms to IEC 60947-3/IS 13947 - 3
- Rated operational voltages 500V/690V
- Range 40A to 2500A
- Rated operational current @ AC 23A
- No deration upto 60° C
- Positive contact indication
- Common accessories with Compact NSX/single auxillary contact
- Making capacity enhanced with Compact NSX upstream

Pole Description	Rated Operational Current	Reference	Unit LP [₹]
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Interpact Range of Switch Disconnectors

3-Pole	40 A AC-23A	28900	4200
	63 A AC-23A	28902	5080
	100 A AC-23A	28908	5980
	125 A AC-23A	28910	6520
	160 A AC-23A	28912	7260
	200 A AC-23A	31102	12620
	250 A AC-23A	31106	13330
	320 A AC-23A	31108	21710
	400 A AC-23A	31110	24460
4-Pole	630 A AC-23A	31114	25160
	40 A AC-23A	28901	4690
	63 A AC-23A	28903	5550
	100 A AC-23A	28909	6520
	125 A AC-23A	28911	7270
	160 A AC-23A	28913	8020
	200 A AC-23A	31103	14090
	250 A AC-23A	31107	14800
	320 A AC-23A	31109	25140
	400 A AC-23A	31111	25960
	630 A AC-23A	31115	29100

Interpact Changeover Systems (Complete Assembly)

3-Pole	100 A AC-23A	31140	37015
	160 A AC-23A	31144	40290
	200 A AC-23A	31142	44310
	250 A AC-23A	31146	45545
	320 A AC-23A	31148	75320
	400 A AC-23A	31150	80415
	630 A AC-23A	31154	81810
4-Pole	100 A AC-23A	31141	42220
	160 A AC-23A	31145	46175
	200 A AC-23A	31143	52285
	250 A AC-23A	31147	54105
	320 A AC-23A	31149	82155
	400 A AC-23A	31151	84815
	630 A AC-23A	31155	97100

Description	Reference	Unit LP [₹]
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Accessories

Optional front extended rotary handle INS 250 - black handle (Switch Disconnector)	LV431050	3670
Optional front extended rotary handle INS 320..630 - black handle (Switch Disconnector)	31052	5195
Optional front extended rotary handle INS 40..160 - black handle (Switch Disconnector)	LV428941	1865
6 phase separators - INS100..160	28959	815
6 phase separators - INS250	29329	720
6 phase separators - INS400..630	LV432570	720

Please contact Customer Care Center for Stockable and Non stockable status of references.
For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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Fuse solutions from the world leader in electrical distribution

- The most complete fuse device offer in single and double break - switch disconnecter fuses, fuse switch disconnectors and disconnector fuses
- Double break and Single break offer.
- Short-circuit and overload protection
- Isolation
- On-load switching of circuits

Range Details: NX range Switch Disconnecter Fuse

- 32A to 630A TP, TPN & FP version suitable for DIN/BS fuses.
- 4 break and 8 arcing zones
- IP20 Fuse protection cover is standard.

Range Details: ISFT range Fuse Switch Disconnecter

- 100A to 630A TP, version suitable for DIN fuses.
- Single breaking and direct connection to busbars
- isolation with positive contact indication when the fuse-carrier assembly is in the open position (OFF).

Range Details: ISFL range Vertical Fuse Switch Disconnecter

- 160A to 1250A TP, version suitable for DIN fuses.
- Single breaking and direct connection to busbars
- Two versions i.e Single pole or Three pole operation

- Complete Range from 32 to 630A in TP, TP+N & FP version suitable for DIN/BS fuses.
- 4 breaks and 8 arcing points
- IP20 Fuse Protection Cover is standard
- Higher Mechanical and Electrical life.

Without Enclosure

Rated Operational Current	Poles Description	DIN Type Reference	Unit LP [₹]	BS Type Reference	Unit LP [₹]
32 A	3P + N	NX032TPNDI ☒	2280	NX032TPNBS	2250
63 A	3P + N	NX063TPNDI ☒	3010	NX063TPNBS	2980
80 A	3P + N	NX080TPNDI	5690	NX080TPNBS	5420
100 A	3P	NX100TPXDI	6280		
	3P + N	NX100TPNDI ☒	6520	NX100TPNBS	6470
	4P	NX100FPXDI	6780		
125 A	3P	NX125TPXDI ☒	7320		
	3P + N	NX125TPNDI ☒	8000	NX125TPNBS	7910
	4P	NX125FPXDI	9000		
160 A	3P	NX160TPXDI	8070		
	3P + N	NX160TPNDI ☒	8720	NX160TPNBS	8210
	4P	NX160FPXDI	10050		
200 A	3P	NX200TPXDI	10680		
	3P + N	NX200TPNDI ☒	11200	NX200TPNBS	9850
	4P	NX200FPXDI	12530		
250 A	3P	NX250TPXDI	13090		
	3P + N	NX250TPNDI ☒	13480	NX250TPNBS	12940
	4P	NX250FPXDI	15860		
315 A	3P	NX315TPXDI	16450		
	3P + N	NX315TPNDI ☒	16690	NX315TPNBS	16420
	4P	NX315FPXDI	18510		
400 A	3P	NX400TPXDI	21990		
	3P + N	NX400TPNDI ☒	22820	NX400TPNBS	21570
	4P	NX400FPXDI	27500		
630 A	3P	NX630TPXDI	32460		
	3P + N	NX630TPNDI ☒	33200	NX630TPNBS	32860
	4P	NX630FPXDI	37020		

Accessories/Spares

Description	Reference	Unit LP [₹]
NX032/NX063/NX080		
Auxiliary contact for Fupact	NXAA11 ☒	475
Fuse holder for DIN NX032...NX080	NXHD1	225
Handle operating mechanism (HOM) NX032...NX080	NXR1	420
HOM shaft for NX/32/63/80	NXRS1	225
NX100/NX125/NX160		
Auxiliary contact for Fupact	NXBA11 ☒	550
Fuse holder DIN for BS type NX100...NX160	NXHB21	205
Fuse holder DIN for NX100...NX160	NXHD21	225
Handle operating mechanism NX100...NX160	NXR2 ☒	805
Shaft for HOM for NX100...NX160	NXRS2	225
NX200		
Auxiliary contact for Fupact	NXBA11 ☒	550
Fuse holder for BS type NX200	NXHB22	215
Fuse holder for DIN NX200	NXHD22	245
Handle operating mechanism NX200	NXR2 ☒	805
Shaft for HOM for NX200	NXRS2A	280
NX250/315/400		
Auxiliary contact for Fupact	NXBA11 ☒	550
Handle operating mechanism for NX250...NX400	NXR3	835
Shaft for HOM for NX250...NX400	NXRS3	280
NX630		
Auxiliary contact for Fupact	NXBA11 ☒	550
Handle operating mechanism for NX630	NXR4	890
Shaft for HOM for NX630	NXRS4	280

Note: For other versions please contact our nearest Sales Office.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

☒ NORMAL STOCK ITEMS

W.E.F. January 18, 2019

The Benchmark for Power Circuit Breakers around the world

Masterpact NT/NW

LV power circuit breakers 630 to 6300 A



Network Protection



Supervision



Compact

AIR PROCESS

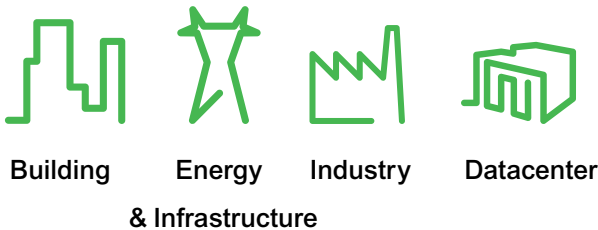
Masterpack NT and NW

The Benchmark For Power Circuit Breakers Around The World



Ethernet ready Masterpack NT and NW breakers, setting the standard for performance, safety, connectivity and built-in metering; all in optimized frame sizes

- Ethernet based monitoring, control, alarm notification for energy, asset and network management
- Built-in energy metering with combined accuracy class of 2% for improved energy efficiency
- Masterpack is suitable for heavy duty applications



- Masterpack is an answer to specific applications:
 - 1000V for mining applications
 - Direct current networks
 - Corrosion protection
 - Switch disconnectors and earthing switches

Range Details:

- 630A to 6300A
- Breaking Capacity upto 150kA
- Fixed, Draw out type
- Flexible terminal orientation enables horizontal or vertical alignment changes in the field*

*Not Applicable for 4000A and 6300A

Micrologic trip system Overview of functions

Micrologic name codes

2.0 E
X Y Z

X: type of protection

- 2 for basic protection
- 5 for selective protection
- 6 for selective + earth-fault protection
- 7 for selective + earth-leakage protection.

Y: control-unit generation

Identification of the control-unit generation.

"0" signifies the first generation.

Z: type of measurement

- E for "Energy"
- P for "power meter"
- H for "harmonic meter".



Measurements and programmable protection

■ $I_1, I_2, I_3, I_N, I_{\text{earth-fault}}, I_{\text{earth-leakage}}$ and maximeter for these measurements

■ fault indications

■ settings in amperes and in seconds.

■ calculates the current demand value

■ "Quickview" function for the automatic cyclical display of the most useful values (as standard or by selection).

P: E + power meter + programmable protection

■ measurements of V, A, W, VAR, VA, Wh, VARh, VAh, Hz, Vpeak, Apeak, power factor and maximeters and minimeters

■ IDMTL long-time protection, minimum and maximum voltage and frequency, voltage and current imbalance, phase sequence, reverse power

■ load shedding and reconnection depending on power or current measurements of interrupted currents, differentiated fault indications,

■ maintenance indications, event histories and time-stamping, etc.

H: P + harmonics

■ power quality: fundamentals, distortion, amplitude and phase of harmonics up to the 31st order

■ waveform capture after fault, alarm or on request

■ enhanced alarm programming: thresholds and actions.



Micrologic Trip unit

Energy efficiency, now within your reach

				
		E 'Energy'	P 'Power'	H 'Harmonics'
Measuremen	Current , maximeter	●	●	●
	Voltage, PF, Power, demand, energy	●	●	●
	Cos-φ, frequency, per phase, advanced protection		●	●
	Harmonics, waveform capture, enhanced alarms			●
Protection	2 (L, I)	2.0 E		
	5 (L, S, I)	5.0 E	5.0 P	5.0 H
	6 (L, S, I, G)	6.0 E	6.0 P	6.0 H
	7 (L, S, I, V)		7.0 P	7.0 H

Solar PVDC ACB Offer

Masterpact NW HADCD - PV switch disconnectors



- 2000A and 4000A @ 1000V DC
- Short Circuit Withstand Capacity upto 85kA 1sec
- Fixed and Draw out type
- High Mechanical and Electrical life

Safer photovoltaic Energy Generation



ATS Kit

Suitable for Masterpact NT/ NW ACB

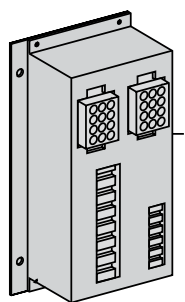
This Kit comprises of :

- > Adaptation fixture & set of two cables for mechanical interlocking
- > IVE unit for Electrical Interlocking
- > ACP control Plate
- > UA/BA controller

***Note:** For ATS with Masterpact NT/NW ACB, order 2 nos. of ACB's with ready to close PF contact + 1 no. ATS Kit



ACP Unit



IVE Unit



Controller



Mechanical interlocking using cable

Description	Reference	Unit MRP [₹]
ATS Kit for Masterpact NT EDO type with BA 415VAC controller	INA_NTDOB4	125270
ATS Kit for Masterpact NT EDO type with UA 415VAC controller	INA_NTDOU4	143710
ATS Kit for Masterpact NW EDO type with BA 415VAC controller	INA_NWDOB4 ☒	136370
ATS Kit for Masterpact NW EDO type with UA 415VAC controller	INA_NWDOU4 ☒	173270

****ATS Kit with for Fixed Breaker and BA controller with 240VAC, contact our customer care**

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

 NORMAL STOCK ITEMS

W.E.F. January 18, 2019

The easy choice for reliable performance

EasyPact MVS

LV power circuit breakers and switch
disconnectors from 800 to 4000 A



EasyPact MVS

The easy choice for reliable performance



- Thermal memory ensures safe tripping in case of consecutive faults
- In-built ZSI feature facilitates intelligent discrimination and enhances installation life
- Mechanical ready to close features checks all safety parameters before closing for enhanced safety
- Trip unit with built in current & voltage metering for easy access to important electrical parameters
- Best in class break time of 25ms creates lower stress on installation
- Pollution degree 4 allows the breaker to operate in harsh environments
- LED bargraph ensures easy access to % phase wise loading information
- Ap protection feature standard in all trip units

Range Details:

- Single frame for 800A to 4000A
- Fixed, Draw out type
- Entire Range $I_{cu}=I_{cs}=I_{cw}=50kA$ for 1sec @440V
- Suitability for applications up to 690 V
- Flexible terminal orientation enables horizontal or vertical alignment changes in the field*

*Not possible for 4000A

ET/ETA/ETV Trip System

A step towards intelligent Electrical Distribution Network



	ET TRIP UNIT	ETA Trip Unit	ETV TRIP UNIT
Features	Current Metering	●	●
	Voltage Metering		●
	ZSI	●	●
	% Loading Bar Graph for each phase	●	●
	Thermal Memory	●	●
Protection	Last 10 Trip History		●
	2 (L, I)	2L	2A
		6G	6A

EasyPact ACB CommunicationModule NEW



Connect



Control



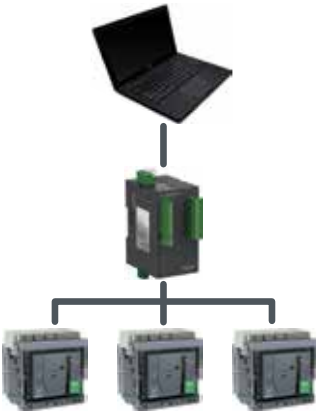
Manage

Make Communication architecture affordable and Easy to maintain

- Connect, Control & Manage three ACBs from one communication module having RS485 port with Modbus RTU protocol.
 - a. Connect breaker ON/OFF status (OF) Breaker trip status (SDE), ready to close status (PF)
 - b. Control remote open/close of air circuit breakers.
 - c. Manage one analog input (4-20mA)



EasyPact MVS communication module connect and control ACB on Modbus Communication architecture.



Material Description	Reference	LP
EasyPact MVS Communication module EasyCom	MVS21430	10800

EasyPact MVS Draw-out ACB

Draw-out type Circuit breakers and Switch Disconnectors 800-4000A



- Conforms to IS/ IEC 60947-2 & 3
- Microprocessor based ET trip systems with thermal memory
- No derating up to 50°C
- Zone Selective Interlocking
- Fully rated neutral with inbuilt protection
- Pre trip alarm & individual fault indicating LEDs
- ET6L provides Overload, Short-circuit, Instantaneous & Earth-fault protections
- $I_{cu}=I_{cs}=I_{cw}(1\text{sec}) = 50\text{kA} @ 440\text{V AC}$

Draw-out Type circuit breaker with Microprocessor based ET6G Trip Unit (without display)

Rating In (A)	3P Draw-Out Manual Reference	Unit LP [₹]	3P Draw-Out Electrical Reference	Unit LP [₹]	4P Draw-Out Manual Reference	Unit LP [₹]	4P Draw-Out Electrical Reference	Unit LP [₹]
800	MVS08N3MW6L	182260	MVS08N3NW6L	229760	MVS08N4MW6L	228760	MVS08N4NW6L	276260
1000	MVS10N3MW6L	191470	MVS10N3NW6L	238970	MVS10N4MW6L	239670	MVS10N4NW6L	287170
1250	MVS12N3MW6L	213190	MVS12N3NW6L	260690	MVS12N4MW6L	265450	MVS12N4NW6L	312950
1600	MVS16N3MW6L	242300	MVS16N3NW6L	289800	MVS16N4MW6L	295650	MVS16N4NW6L	343150
2000	MVS20N3MW6L	295370	MVS20N3NW6L	342870	MVS20N4MW6L	362750	MVS20N4NW6L	410250
2500	MVS25N3MW6L	365170	MVS25N3NW6L	412670	MVS25N4MW6L	443730	MVS25N4NW6L	491230
3200	MVS32N3MW6L	445540	MVS32N3NW6L	493040	MVS32N4MW6L	546300	MVS32N4NW6L	593800
4000	MVS40N3MW6L	544920	MVS40N3NW6L	592420	MVS40N4MW6L	693670	MVS40N4NW6L	741170

EasyPact MVS Draw out ACB

ACB variants	LP changes for product Configuration w.r.t. ACB having ET6G trip unit.		How to arrive at new reference number*
Switch Disconnector version (without trip unit)	Reduce	₹19300	Example : ACB reference with ET6G trip unit - MVS08N3MW6L. For switch disconnector reference replace 6L by 0D i.e MVS08N3MW0D
ACB with ET6A trip unit (LCD display with Current Metering)	Add	₹9200	Example : ACB reference with ET6G trip unit - MVS08N3MW6L. For ACB reference with ET6A trip unit replace 6L by 6A i.e MVS08N3MW6A
ACB with ET6V trip unit (LCD display with Current Metering & Voltage Metering and Last 10 Trip History)	Add	₹21200	Example : ACB reference with ET6G trip unit - MVS08N3MW6L. For ACB reference with ET6V trip unit replace 6L by 6V i.e MVS08N3MW6V

*- Same Philosophy for 3 Pole/ 4 Pole and Manual/ Electrical References

Note:

All draw-out type circuit breakers will be supplied with:

- Top and Bottom horizontal terminations.
 - 1 No. Electrical fault indication Contact (SDE).
 - No. Auxiliary contact block (OF) with 4 C/O contacts.
 - Safety shutters on Chassis & door sealing frame- Escutcheon (CDP).
- All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) & shunt release (MX) (Voltage ratings to be specified by customer & duty filled in ACB Order form)
 - External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price.
 - Any other accessories are optional at extra price.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

✓ NORMAL STOCK ITEMS

W.E.F. January 18, 2019

EasyPact MVS Draw-out ACB

Draw-out type Circuit breakers and Switch Disconnectors 800-4000A



- Conforms to IS/ IEC 60947-2 & 3
- Microprocessor based ET trip systems with thermal memory
- No derating up to 50°C
- Fully rated neutral with inbuilt protection
- Pre trip alarm & individual fault indicating LEDs
- ET2L provides Overload & Short-circuit protections
- $I_{cu}=I_{cs}=I_{cw}(1\text{sec}) = 50\text{kA @ } 440\text{V AC}$

Draw-out Type circuit breaker with Microprocessor based ET2L Trip Unit (without display)

Rating In (A)	3P Draw-Out Manual Reference	Unit LP [₹]	3P Draw-Out Electrical Reference	Unit LP [₹]	4P Draw-Out Manual Reference	Unit LP [₹]	4P Draw-Out Electrical Reference	Unit LP [₹]
800	MVS08N3MW2L	174860	MVS08N3NW2L	222360	MVS08N4MW2L	221360	MVS08N4NW2L	268860
1000	MVS10N3MW2L	184070	MVS10N3NW2L	231570	MVS10N4MW2L	232270	MVS10N4NW2L	279770
1250	MVS12N3MW2L	205790	MVS12N3NW2L	253290	MVS12N4MW2L	258050	MVS12N4NW2L	305550
1600	MVS16N3MW2L	234900	MVS16N3NW2L	282400	MVS16N4MW2L	288250	MVS16N4NW2L	335750
2000	MVS20N3MW2L	287970	MVS20N3NW2L	335470	MVS20N4MW2L	355350	MVS20N4NW2L	402850
2500	MVS25N3MW2L	357770	MVS25N3NW2L	405270	MVS25N4MW2L	436330	MVS25N4NW2L	483830
3200	MVS32N3MW2L	438140	MVS32N3NW2L	485640	MVS32N4MW2L	538900	MVS32N4NW2L	586400
4000	MVS40N3MW2L	537520	MVS40N3NW2L	585020	MVS40N4MW2L	686270	MVS40N4NW2L	733770

EasyPact MVS Draw out ACB

ACB variants	LP changes for product Configuration w.r.t. ACB having ET2L trip unit.		How to arrive at new reference number*	
ACB with ET2A trip unit (LCD display with Current Metering)	Add	₹4600	Example : ACB reference with ET2L trip unit - MVS08N3MW2L. For ACB reference with ET2A trip unit replace 2L by 2A i.e MVS08N3MW2A	
ACB with ET2V trip unit (LCD display with Current Metering & Voltage Metering and Last 10 Trip History)	Add	₹13800	Example : ACB reference with ET2L trip unit - MVS08N3MW2L. For ACB reference with ET2V trip unit replace 2L by 2V i.e MVS08N3MW2V	

AC* Same Philosophy for 3 Pole/ 4 Pole and Manual/ Electrical References

Note:

All draw-out type circuit breakers will be supplied with:

- Top and Bottom horizontal terminations.
 - 1 No. Electrical fault indication Contact (SDE).
 - 1 No. Auxiliary contact block (OF) with 4 C/O contacts.
 - Safety shutters on Chassis & door sealing frame- Escutcheon (CDP).
- All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) & shunt release (MX).
 - External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price.
 - Any other accessories are optional at extra price.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

☑ NORMAL STOCK ITEMS

W.E.F. January 18, 2019

EasyPact MVS Fixed ACB

Fixed type Circuit breakers & Switch Disconnectors 800-4000A



- Conforms to IS/ IEC 60947-2 & 3
- Microprocessor based ET trip systems with thermal memory
- No derating up to 50° C
- Zone Selective Interlocking
- Fully rated neutral with inbuilt protection
- Pre trip alarm & individual fault indicating LEDs
- $I_{cu}=I_{cs}=I_{cw}(1\text{sec})=50\text{kA @ }440\text{V AC}$

Fixed Type circuit breaker with Microprocessor based ET6G Trip Unit (without display)

Rating in (A)	3P Fix Manual Reference	Unit LP [₹]	3P Fix Electrical Reference	Unit LP [₹]	4P Fix Manual Reference	Unit LP [₹]	4P Fix Electrical Reference	Unit LP [₹]
800	MVS08N3MF6L	135900	MVS08N3NF6L	183400	MVS08N4MF6L	172800	MVS08N4NF6L	220300
1000	MVS10N3MF6L	148770	MVS10N3NF6L	196270	MVS10N4MF6L	187660	MVS10N4NF6L	235160
1250	MVS12N3MF6L	170990	MVS12N3NF6L	218490	MVS12N4MF6L	213630	MVS12N4NF6L	261130
1600	MVS16N3MF6L	189800	MVS16N3NF6L	237300	MVS16N4MF6L	245340	MVS16N4NF6L	292840
2000	MVS20N3MF6L	222400	MVS20N3NF6L	269900	MVS20N4MF6L	290650	MVS20N4NF6L	338150
2500	MVS25N3MF6L	271130	MVS25N3NF6L	318630	MVS25N4MF6L	342550	MVS25N4NF6L	390050
3200	MVS32N3MF6L	388110	MVS32N3NF6L	435610	MVS32N4MF6L	478860	MVS32N4NF6L	526360
4000	MVS40N3MF6L	477950	MVS40N3NF6L	525450	MVS40N4MF6L	599200	MVS40N4NF6L	646700

EasyPact MVS Fix ACB

ACB variants	LP changes for product Configuration w.r.t. ACB having ET6G trip unit.		How to arrive at new reference number*
Switch Disconnector version (without trip unit)	Reduce	₹19300	Example : ACB reference with ET6G trip unit - MVS08N3MF6L. For switch disconnector reference replace 6L by 0D i.e MVS08N3MF0D
ACB with ET6A trip unit (LCD display with Current Metering)	Add	₹9200	Example : ACB reference with ET6G trip unit - MVS08N3MF6L. For ACB reference with ET6A trip unit replace 6L by 6A i.e MVS08N3MF6A
ACB with ET6V trip unit (LCD display with Current Metering & Voltage Metering and Last 10 Trip History)	Add	₹21200	Example : ACB reference with ET6G trip unit - MVS08N3MF6L. For ACB reference with ET6V trip unit replace 6L by 6V i.e MVS08N3MF6V

* Same Philosophy for 3 Pole/ 4 Pole and Manual/ Electrical References

Note:

All Fix type circuit breakers will be supplied with:

- horizontal / vertical terminal
 - 1 No. Electrical fault indication Contact (SDE).
 - 1 No. Auxiliary contact block (OF) with 4 C/O contacts.
 - door sealing frame- Escutcheon (CDP).
- All switch disconnectors are without protection
 - All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) & shunt release (MX).
 - External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price.
 - Any other accessories are optional at extra price.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

✓ NORMAL STOCK ITEMS

W.E.F. January 18, 2019

- Conforms to IS/ IEC 60947-2 & 3
- Microprocessor based ET trip systems with thermal memory
- No derating up to 50° C
- Fully rated neutral with inbuilt protection
- Pre trip alarm & individual fault indicating LEDs
- $I_{cu}=I_{cs}=I_{cw}(1\text{sec})=50\text{kA @ }440\text{V AC}$

Fixed Type circuit breaker with Microprocessor based ET2L Trip Unit (without display)

Rating in (A)	3P Fix Manual Reference	Unit LP [₹]	3P Fix Electrical Reference	Unit LP [₹]	4P Fix Manual Reference	Unit LP [₹]	4P Fix Electrical Reference	Unit LP [₹]
800	MVS08N3MF2L	128500	MVS08N3NF2L	176000	MVS08N4MF2L	165400	MVS08N4NF2L	212900
1000	MVS10N3MF2L	141370	MVS10N3NF2L	188870	MVS10N4MF2L	180260	MVS10N4NF2L	227760
1250	MVS12N3MF2L	163590	MVS12N3NF2L	211090	MVS12N4MF2L	206230	MVS12N4NF2L	253730
1600	MVS16N3MF2L	182400	MVS16N3NF2L	229900	MVS16N4MF2L	237940	MVS16N4NF2L	285440
2000	MVS20N3MF2L	215000	MVS20N3NF2L	262500	MVS20N4MF2L	283250	MVS20N4NF2L	330750
2500	MVS25N3MF2L	263730	MVS25N3NF2L	311230	MVS25N4MF2L	335150	MVS25N4NF2L	382650
3200	MVS32N3MF2L	380710	MVS32N3NF2L	428210	MVS32N4MF2L	471460	MVS32N4NF2L	518960
4000	MVS40N3MF2L	470550	MVS40N3NF2L	518050	MVS40N4MF2L	591800	MVS40N4NF2L	639300

EasyPact MVS Fix ACB

ACB variants	LP changes for product configuration w.r.t. ACB having ET2L trip unit		How to arrive at new reference number
ACB with ET2A trip unit (LCD display with Current Metering)	Add	₹4600	Example : ACB reference with ET2L trip unit - MVS08N3MF2L. For ACB reference with ET2A trip unit replace 2L by 2A i.e MVS08N3MF2A
ACB with ET2V trip unit (LCD display with Current Metering & Voltage Metering and Last 10 Trip History)	Add	₹13800	Example : ACB reference with ET2L trip unit - MVS08N3MF2L. For ACB reference with ET2V trip unit replace 2L by 2V i.e MVS08N3MF2V

* Same Philosophy for 3 Pole/ 4 Pole and Manual/ Electrical References

Note:

All Fix type circuit breakers will be supplied with:

- horizontal / vertical terminal
- 1 No. Electrical fault indication Contact (SDE).
- 1 No. Auxiliary contact block (OF) with 4 C/O contacts.
- door sealing frame- Escutcheon (CDP).

- All switch disconnectors are without protection
- All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) & shunt release (MX).
- External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price.
- Any other accessories are optional at extra price.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

☑ NORMAL STOCK ITEMS

W.E.F. January 18, 2019

Pole Description		Rated Operational Current	Reference	Unit LP [₹]
Gear Motor (MCH)				
AC 50/60 Hz		100/130 V	47893	37600
		200/240 V	47894	
		380/415 V	47896	
DC		24/30 V	47888	
		48/60 V	47889	
		100/125 V	47890	
		200/250 V	47891	
Closing Release (XF)				
AC 50/60 Hz DC		24/30 V DC	33659	5350
		48/60 V DC	33660	
		100/130 V AC/DC	MVS15511	
		200/250 V AC/DC	MVS15512	
		380/480 V AC	MVS15513	
Opening Release (MX)				
AC 50/60 Hz DC		24/30 V DC, 24 V AC	33659	5350
		48/60 V DC, 48 V AC	33660	
		100/130 V AC/DC	33661	
		200/250 V AC/DC	33662	
		380/480 V AC	33664	
Terminal Block				
For drawout circuit breaker			47849	200
Under Voltage Release (MN)				
AC 50/60 Hz DC		24/30 V DC, 24 V AC	33668	5450
		48/60 V DC, 48 V AC	33669	
		100/130 V AC/DC	33670	
		200/250 V AC/DC	33671	
		380/480 V AC	33673	
MN Delay Unit				
AC 50/60 Hz DC		48/60 V AC/DC	33680	8000
		100/130 V AC/DC	33681	
		200/250 V AC/DC	33682	
		380/480 V AC/DC	33683	
		100/130 V AC/DC	33684	7450
		200/250 V AC/DC	33685	
ON/OFF Indication Contacts (Additional OF contact)				
1 additional block of 4 contacts			47887	4850
Door Interlock (VPECD)/1 part				
On right hand side of chassis			47914	2650
Operation Counter				
Operation Counter CDM			48535	7500

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

☒ NORMAL STOCK ITEMS

W.E.F. January 18, 2019

EasyPact SPS

Standard Protection System for your electrical distribution network



800-1600A

**ET2.0
Trip System**

**ET6G
Trip System**

Microprocessor Base Trip Units

Schneider Electric Global specialist in the field of ACBs and MCCBs, introduces EasyPact SPS range of ACBs

- Single Frame size from 800-1600A
- ASIC Based Microprocessor trip unit with OL, SC & EF protection features, which offer fastest short circuit tripping time in its class
- 25 ms short circuit tripping time ensure low let through energy increase the longevity of an electrical distribution network, cables and equipment
- Offer highest standards of safety for operator as well as Electrical distribution network
- Pollution category –III along with modular technology ensure high operating cycles without maintenance
- Simple to choose and easy to install

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

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- All EasyPact SPS Air Circuit Breakers are equipped with terminal adaptors
- Conforms to IS/ IEC 60947-2 & 3
- Microprocessor based ET trip systems with thermal memory
- Fully rated neutral with inbuilt protection
- ET6L provides Overload, Short-circuit, Instantaneous & Earth-fault protections
- ET2B provides Overload & Short-circuit protections
- Short circuit breaking capacity 50kA @ 440V AC

Draw-out Type circuit breaker with Microprocessor based ET6G Trip Unit

Rating in (A)	3P Draw-Out Manual Reference	Unit LP [₹]	3P Draw-Out Electrical Reference	Unit LP [₹]	4P Draw-Out Manual Reference	Unit LP [₹]	4P Draw-Out Electrical Reference	Unit LP [₹]
800	SPS08F3PMW6L	139260	SPS08F3PEW6L	179760	SPS08F4PMW6L	174630	SPS08F4PEW6L	215130
1000	SPS10F3PMW6L	145910	SPS10F3PEW6L	186410	SPS10F4PMW6L	184730	SPS10F4PEW6L	225230
1250	SPS12F3PMW6L	163200	SPS12F3PEW6L	203700	SPS12F4PMW6L	208150	SPS12F4PEW6L	248650
1600	SPS16F3PMW6L	184110	SPS16F3PEW6L	224610	SPS16F4PMW6L	235620	SPS16F4PEW6L	276120

Draw-out Type circuit breaker with Microprocessor based ET2B Trip Unit

Rating in (A)	3P Draw-Out Manual Reference	Unit LP [₹]	3P Draw-Out Electrical Reference	Unit LP [₹]	4P Draw-Out Manual Reference	Unit LP [₹]	4P Draw-Out Electrical Reference	Unit LP [₹]
800	SPS08F3PMW2B	137460	SPS08F3PEW2B	177960	SPS08F4PMW2B	172830	SPS08F4PEW2B	213330
1000	SPS10F3PMW2B	144110	SPS10F3PEW2B	184610	SPS10F4PMW2B	182930	SPS10F4PEW2B	223430
1250	SPS12F3PMW2B	161400	SPS12F3PEW2B	201900	SPS12F4PMW2B	206350	SPS12F4PEW2B	246850
1600	SPS16F3PMW2B	182310	SPS16F3PEW2B	222810	SPS16F4PMW2B	233820	SPS16F4PEW2B	274320

Draw-out Type switch disconnector without protection

Rating in (A)	3P Draw-Out Manual Reference	Unit LP [₹]	3P Draw-Out Electrical Reference	Unit LP [₹]	4P Draw-Out Manual Reference	Unit LP [₹]	4P Draw-Out Electrical Reference	Unit LP [₹]
800	SPS08F3PMW0D	125060	SPS08F3PEW0D	165560	SPS08F4PMW0D	160430	SPS08F4PEW0D	200930
1000	SPS10F3PMW0D	131710	SPS10F3PEW0D	172210	SPS10F4PMW0D	170530	SPS10F4PEW0D	211030
1250	SPS12F3PMW0D	149000	SPS12F3PEW0D	189500	SPS12F4PMW0D	193950	SPS12F4PEW0D	234450
1600	SPS16F3PMW0D	169910	SPS16F3PEW0D	210410	SPS16F4PMW0D	221420	SPS16F4PEW0D	261920

Note:

All draw-out type circuit breakers will be supplied with:

- Vertical-vertical terminations.
- 1 No. Electrical fault indication Contact (SDE).
- 1 No. Auxiliary contact block (OF) with 2 C/O contacts.
- Safety shutters on Chassis & door sealing frame- Escutcheon (CDP).

- All switch disconnectors are without protection
- All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) and shunt release (MX).
- External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price.
- Any other accessories are optional at extra price.



For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

✓ NORMAL STOCK ITEMS

W.E.F. January 18, 2019



- All EasyPact SPS Air Circuit Breakers are equipped with terminal adaptors
- Conforms to IS/ IEC 60947-2 & 3
- Microprocessor based ET trip systems with thermal memory
- Fully rated neutral with inbuilt protection
- ET6L provides Overload, Short-circuit, Instantaneous & Earth-fault protections
- ET2B provides Overload & Short-circuit protections
- Short circuit breaking capacity 50kA @ 440V AC

Fixed Type circuit breaker with Microprocessor based ET6G Trip Unit

Rating in (A)	3P Fixed Manual Reference	Unit LP [₹]	3P Fixed Electrical Reference	Unit LP [₹]	4P Fixed Manual Reference	Unit LP [₹]	4P Fixed Electrical Reference	Unit LP [₹]
800	SPS08F3PMF6L	106970	SPS08F3PEF6L	147470	SPS08F4PMF6L	130050	SPS08F4PEF6L	170550
1000	SPS10F3PMF6L	112620	SPS10F3PEF6L	153120	SPS10F4PMF6L	139640	SPS10F4PEF6L	180140
1250	SPS12F3PMF6L	129850	SPS12F3PEF6L	170350	SPS12F4PMF6L	162000	SPS12F4PEF6L	202500
1600	SPS16F3PMF6L	150360	SPS16F3PEF6L	190860	SPS16F4PMF6L	185200	SPS16F4PEF6L	225700

Fixed Type circuit breaker with Microprocessor based ET2B Trip Unit

Rating in (A)	3P Fixed Manual Reference	Unit LP [₹]	3P Fixed Electrical Reference	Unit LP [₹]	4P Fixed Manual Reference	Unit LP [₹]	4P Fixed Electrical Reference	Unit LP [₹]
800	SPS08F3PMF2B	105170	SPS08F3PEF2B	145670	SPS08F4PMF2B	128250	SPS08F4PEF2B	168750
1000	SPS10F3PMF2B	110820	SPS10F3PEF2B	151320	SPS10F4PMF2B	137840	SPS10F4PEF2B	178340
1250	SPS12F3PMF2B	128050	SPS12F3PEF2B	168550	SPS12F4PMF2B	160200	SPS12F4PEF2B	200700
1600	SPS16F3PMF2B	148560	SPS16F3PEF2B	189060	SPS16F4PMF2B	183400	SPS16F4PEF2B	223900

Fixed Type switch disconnector without protection

Rating in (A)	3P Fixed Manual Reference	Unit LP [₹]	3P Fixed Electrical Reference	Unit LP [₹]	4P Fixed Manual Reference	Unit LP [₹]	4P Fixed Electrical Reference	Unit LP [₹]
800	SPS08F3PMF0D	92770	SPS08F3PEF0D	133270	SPS08F4PMF0D	115850	SPS08F4PEF0D	156350
1000	SPS10F3PMF0D	98420	SPS10F3PEF0D	138920	SPS10F4PMF0D	125440	SPS10F4PEF0D	165940
1250	SPS12F3PMF0D	115650	SPS12F3PEF0D	156150	SPS12F4PMF0D	147800	SPS12F4PEF0D	188300
1600	SPS16F3PMF0D	136160	SPS16F3PEF0D	176660	SPS16F4PMF0D	171000	SPS16F4PEF0D	211500

Note: All Fixed type circuit breakers will be supplied with: (i) Vertical-vertical terminations. (ii) 1 No. Electrical fault indication Contact (SDE).
 (iii) 1 No. Auxiliary contact block (OF) with 2 C/O contacts.
 All switch disconnectors are without protection | All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) and shunt release (MX). | External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price. | Any other accessories are optional at extra price.

Accessories

Pole Description	Rated Operational Current	Reference	Unit LP [₹]
Gear Motor (MCH)			
AC 50/60 Hz	100/130 V	33176	37800
	200/240 V	33177	37800
	277/415 V	33179	37800
DC	24/30 V	33185	37800
	48/60 V	33186	37800
	100/125 V	33187	37800
	200/250 V	33188	37800
Terminal Block			
For Fixed circuit breaker		47074	200
For Drawout circuit breaker		33098	225
ON/OFF Indication contacts (OF) 1Part			
Changeover contact 6A	240V	47076	1100
Ready to close contact			
Changeover contact 5A	240V	47080	2500
Door interlock (VPECD)/1 part			
Right side of chassis		33172	2310

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“Ecodial Advance Calculation 4” sizing software

The reference tool for
electrical installations
compliant and
performant



To download Ecodial Advance Calculation Version:
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<http://hto.power.schneider-electric.com/EcodialPlugin/#/>

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Unequalled For you benefits



Time savings and increased productivity

- > User-friendly and intuitive software.
- > Verification of electrical network consistency prior to calculation of solutions.
- > Errors reported and identified on the single-line diagram.
- > Calculation reports and information immediately usable (deliverables ready to use: single Word document, printable and convertible to PDF).

High added value level

- > Consideration of the installation operating modes and the need for continuity of supply.
- > Consistency of choices between calculated switchgear and proposed equipment (for example: compatibility between switchgear and switchboard or Canalis).
- > Harmonisation of the protection schedule:
- > Ecodial Advance Calculation 4 lets you easily customise the protection choices out of the alternatives.

Enhanced expert image

- > Compliance with calculation standards: compliance with the CENELEC TR50480 technical report.
- > Compliance with installation standards: non-conformities are automatically reported.
- > Compliance with product standards: all recommended Schneider Electric products comply with applicable standards.
- > Guarantee of having the most up-to-date offers.
- > Complete study file: automatic generation of design notes and cable and protection schedule.

For your customers

Shorter design times

- > No time wasted in calculation, search for current products conforming to standards, processing of data and deliverables, etc.

Installation conforming to applicable standards

- > Complete compliance with calculation and installation standards.
- > Guaranteed safety of persons and equipment.
- Reworking to conformity

of the existing installation.

Optimised latest generation solution

- > Installation operating constraints and need for continuity of supply are taken into account as from the design stage.
- > Choice of products out of the latest Schneider Electric ranges.

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Electric

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- All Prices are in Indian Rupees.
- Prices are subject to change without notice.
- Prices charged will be as prevailing on the date of dispatch.
- Maximum Retail Price (MRP) is inclusive of all taxes

- Tax incidence on invoices is basis applicable GST rates. Invoice amount not to exceed MRP.
- Invoice Amount = (MRP – less Applicable discount) + Applicable GST %

Distributor