

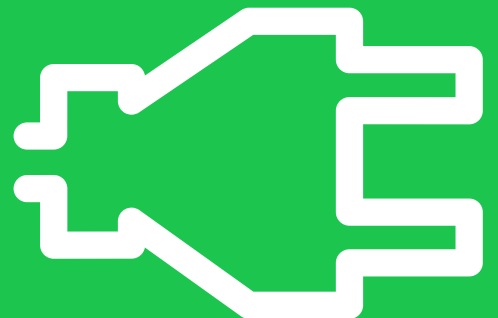
Life Is On

Schneider
Electric

 Price List

Low Voltage Distribution Products

With effect from December 29, 2016



schneider-electric.co.in

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Power Distribution Redefined

Smart Panels, digitised electrical switchboards for buildings



www.schneider-electric.com/smart-panels

Smart Panels

Make your electrical installations smart, simple & reliable



1 Measure

Embedded and stand-alone metering & control capabilities

2 Connect

> Integrated communication interfaces
> Ready to connect to energy management platforms

3 Act

> Data driven energy efficiency actions
> Real time monitoring and control
> Access to energy and site information through online services



Ethernet connected switchboards



Ethernet

> Widely used in buildings, easy to wire

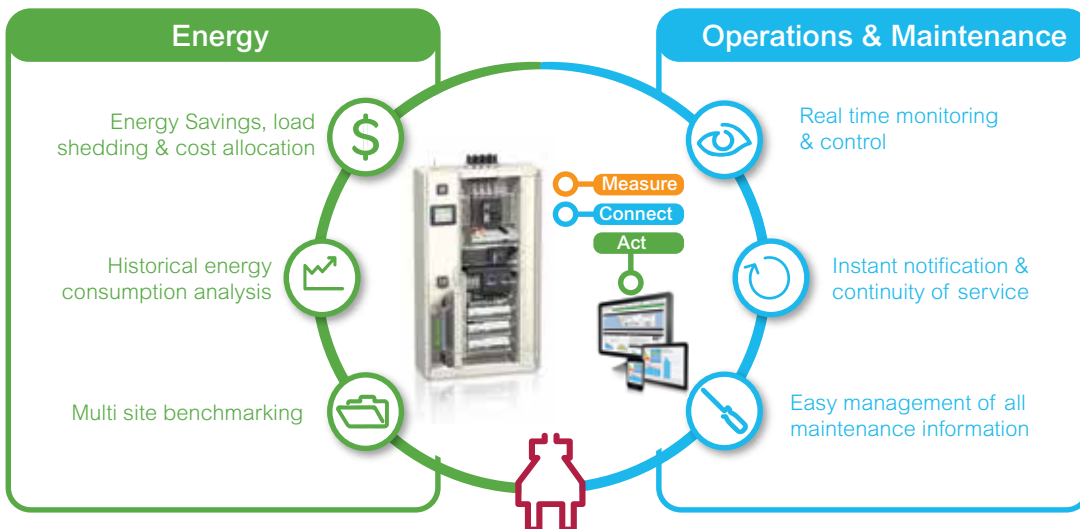
Ethernet network is widely distributed to multiple users in buildings. A simple RJ45 socket is required to connect each switch board

> Nomadic wireless with WiFi

Is also available in buildings and used by technicians during operations and maintenance.

> Access from any PC or Ethernet FDM128 monitor

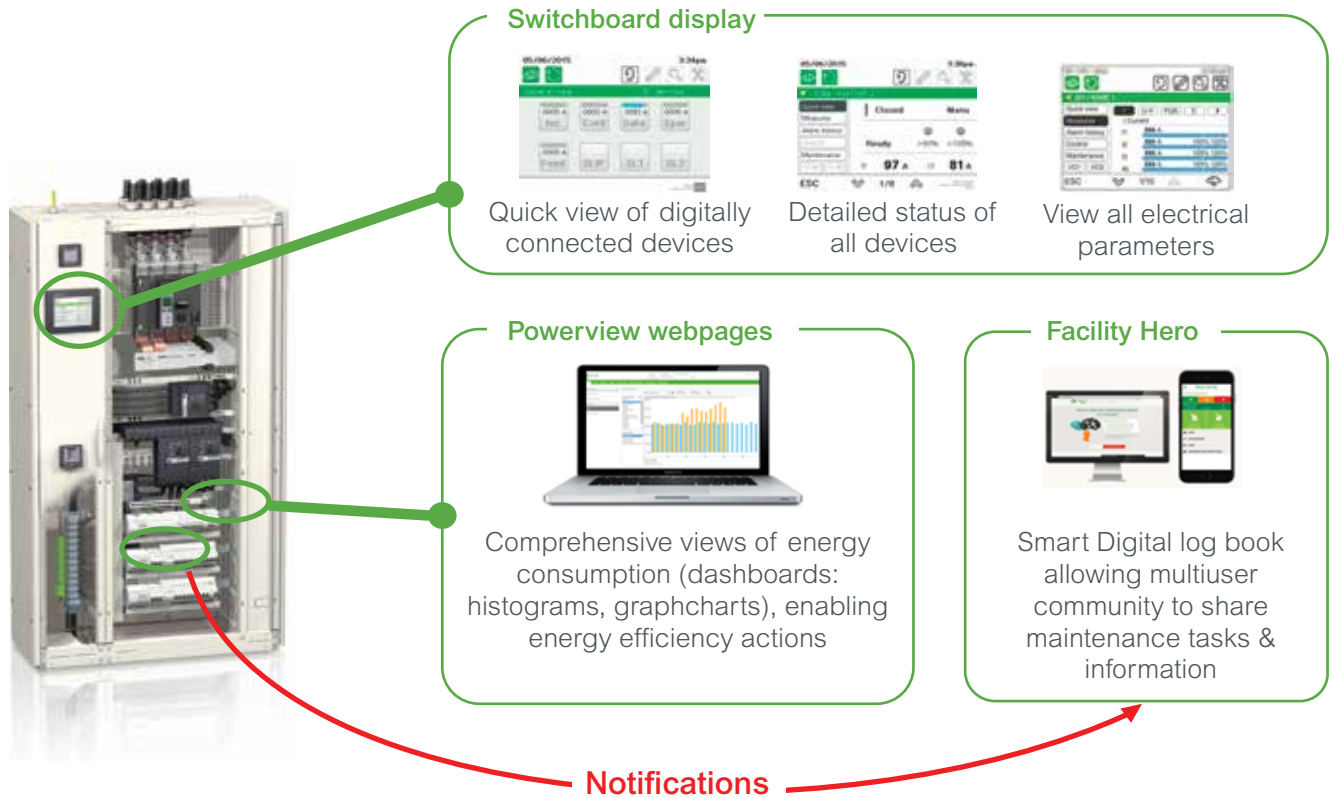
- PC: with common Internet Browser,
- FDM 128: Installed on the front panel or at any remote location of the building



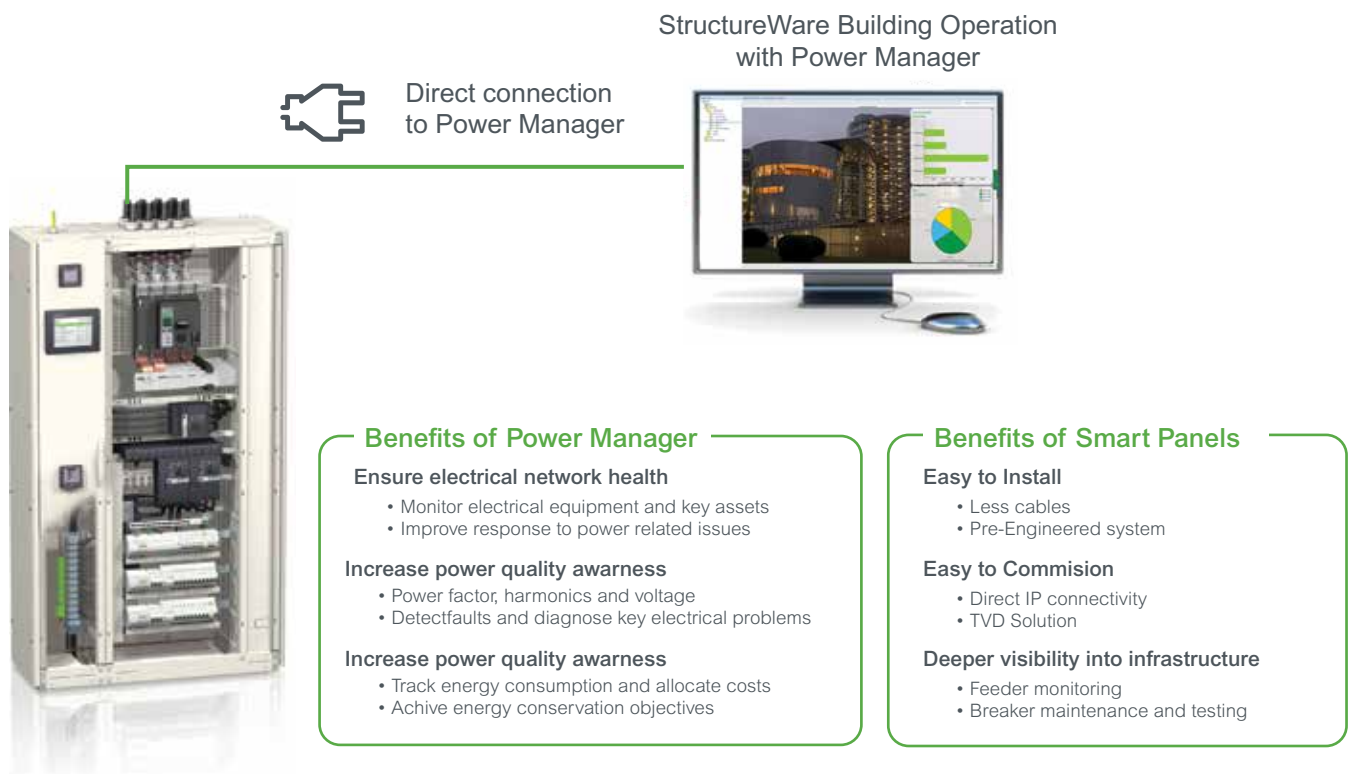
Ready to plug'in to Building and Energy management softwares

Smart Panels

Simple energy & maintenance management without expensive software licenses



Advanced integrated softwares for comprehensive Energy & Building management



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

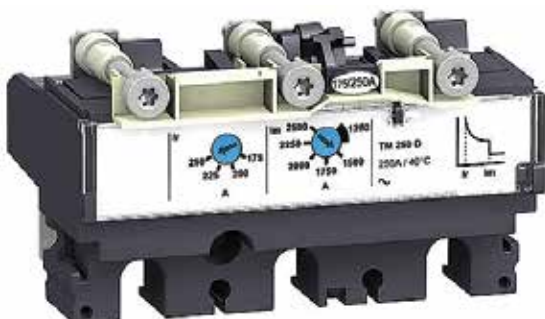
Micrologic Trip Units

(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	Ammerter	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



PowerPact

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



Note: For product references & prices contact Customer Care

With Thermal Magnetic Trip Unit (TMD)



- Ics = 100% Icu as per IEC 60947-2
- Adjustable thermal setting 0.7 - 1 x In
- Adjustable magnetic setting 5 – 10 x Ir **
- Transparent cover for trip unit as standard
- Breaking Capacity enhancement upto 150kA with a higher capacity upstream (Cascading)
- Exceptional current limiting < 6 x 10⁵ A²S

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
25kA	16A	LV429557	8830	LV429567	12700
	25A	LV429556 <input checked="" type="checkbox"/>	8830	LV429566	12700
	32A	LV429555 <input checked="" type="checkbox"/>	8830	LV429565	12700
	40A	LV429554 <input checked="" type="checkbox"/>	8830	LV429564	12700
	50A	LV429553	8830	LV429563	12700
	63A	LV429552 <input checked="" type="checkbox"/>	8830	LV429562 <input checked="" type="checkbox"/>	12700
	80A	LV429551 <input checked="" type="checkbox"/>	8830	LV429561	12700
	100A	LV429550 <input checked="" type="checkbox"/>	8830	LV429560 <input checked="" type="checkbox"/>	12700
	125A	LV430311 <input checked="" type="checkbox"/>	15550	LV430321 <input checked="" type="checkbox"/>	19190
	160A	LV430310 <input checked="" type="checkbox"/>	15550	LV430320 <input checked="" type="checkbox"/>	19190
36kA	200A	LV431111	24260	LV431121 <input checked="" type="checkbox"/>	29190
	250A	LV431110 <input checked="" type="checkbox"/>	24260	LV431120 <input checked="" type="checkbox"/>	29190
	16A	LV429637 <input checked="" type="checkbox"/>	10930	LV429647	13830
	25A	LV429636 <input checked="" type="checkbox"/>	10930	LV429646	13830
	32A	LV429635 <input checked="" type="checkbox"/>	10930	LV429645 <input checked="" type="checkbox"/>	13830
	40A	LV429634 <input checked="" type="checkbox"/>	10930	LV429644	13830
	50A	LV429633	10930	LV429643	13830
	63A	LV429632 <input checked="" type="checkbox"/>	10930	LV429642 <input checked="" type="checkbox"/>	13830
	80A	LV429631 <input checked="" type="checkbox"/>	10930	LV429641	13830
	100A	LV429630 <input checked="" type="checkbox"/>	10930	LV429640 <input checked="" type="checkbox"/>	13830
50kA	125A	LV430631 <input checked="" type="checkbox"/>	16330	LV430641 <input checked="" type="checkbox"/>	20120
	160A	LV430630 <input checked="" type="checkbox"/>	16330	LV430640 <input checked="" type="checkbox"/>	20120
	200A	LV431631 <input checked="" type="checkbox"/>	25060	LV431641 <input checked="" type="checkbox"/>	30890
	250A	LV431630 <input checked="" type="checkbox"/>	25060	LV431640 <input checked="" type="checkbox"/>	30890
	16A	LV429847	12320	LV429857	15600
	25A	LV429846	12320	LV429856	15600
	32A	LV429845 <input checked="" type="checkbox"/>	12320	LV429855	15600
	40A	LV429844 <input checked="" type="checkbox"/>	12320	LV429854	15600
	50A	LV429843	12320	LV429853	15600
	63A	LV429842 <input checked="" type="checkbox"/>	12320	LV429852	15600
70kA	80A	LV429841 <input checked="" type="checkbox"/>	12320	LV429851	15600
	100A	LV429840 <input checked="" type="checkbox"/>	12320	LV429850	15600
	125A	LV430841 <input checked="" type="checkbox"/>	18980	LV430851	21320
	160A	LV430840 <input checked="" type="checkbox"/>	18980	LV430850	21320
	200A	LV431831 <input checked="" type="checkbox"/>	26100	LV431841	31880
	250A	LV431830 <input checked="" type="checkbox"/>	26100	LV431840	31880
	16A	LV429677	16540	LV429687	21530
	25A	LV429676	16540	LV429686	21530
	32A	LV429675	16540	LV429685	21530
	40A	LV429674	16540	LV429684	21530
70kA	50A	LV429673	16540	LV429683	21530
	63A	LV429672 <input checked="" type="checkbox"/>	16540	LV429682	21530
	80A	LV429671	16540	LV429681	21530
	100A	LV429670 <input checked="" type="checkbox"/>	16540	LV429680	21530
	125A	LV430671	30780	LV430681	33020
	160A	LV430670 <input checked="" type="checkbox"/>	30780	LV430680	33020
	200A	LV431671	35200	LV431681	45290
	250A	LV431670 <input checked="" type="checkbox"/>	35200	LV431680	45290

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016

With Micrologic 2 (μ P -ASIC based)



- Protection type LS₀IN
- 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 <input checked="" type="checkbox"/>	15710	LV429787	20800
	100A	LV429775 <input checked="" type="checkbox"/>	15710	LV429785 <input checked="" type="checkbox"/>	20800
	160A	LV430745 <input checked="" type="checkbox"/>	20060	LV430750 <input checked="" type="checkbox"/>	25590
	250A	LV431140 <input checked="" type="checkbox"/>	26360	LV431150 <input checked="" type="checkbox"/>	33810
36kA	40A	LV429772	16200	LV429782	20900
	100A	LV429770 <input checked="" type="checkbox"/>	16200	LV429780 <input checked="" type="checkbox"/>	20900
	160A	LV430770 <input checked="" type="checkbox"/>	20710	LV430780 <input checked="" type="checkbox"/>	27980
	250A	LV431770 <input checked="" type="checkbox"/>	28410	LV431780 <input checked="" type="checkbox"/>	38410
	400A	LV432676 <input checked="" type="checkbox"/>	38260	LV432677 <input checked="" type="checkbox"/>	43690
50kA	630A	LV432876 <input checked="" type="checkbox"/>	40450	LV432877 <input checked="" type="checkbox"/>	52440
	40A	LV429797	19470	LV429807	26680
	100A	LV429795 <input checked="" type="checkbox"/>	19470	LV429805 <input checked="" type="checkbox"/>	27480
	160A	LV430775 <input checked="" type="checkbox"/>	24660	LV430785	30710
	250A	LV431870 <input checked="" type="checkbox"/>	31140	LV431875 <input checked="" type="checkbox"/>	40610
70kA	400A	LV432693 <input checked="" type="checkbox"/>	40930	LV432694 <input checked="" type="checkbox"/>	50990
	630A	LV432893 <input checked="" type="checkbox"/>	42850	LV432894 <input checked="" type="checkbox"/>	56740
	40A	LV429792	24770	LV429802	31350
	100A	LV429790	24810	LV429800	31540
	160A	LV430790	33600	LV430800	41250
70kA	250A	LV431790	38250	LV431800	52970
	400A	LV432695 <input checked="" type="checkbox"/>	46520	LV432696	61500
	630A	LV432895 <input checked="" type="checkbox"/>	48170	LV432896	74160

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 (μ P -ASIC based) / TMD / MA+ shunt +GFP

- Protection type LS₀IGN
- 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 <input checked="" type="checkbox"/>	5200	GFP11CT14P <input checked="" type="checkbox"/>	5690
CVS/NSX 160 / 250	125, 160, 200, 250	GFP12CT23P <input checked="" type="checkbox"/>	5910	GFP12CT24P <input checked="" type="checkbox"/>	6670
CVS/NSX 400 / 630	400, 630	GFP13CT33P <input checked="" type="checkbox"/>	8920	GFP13CT34P <input checked="" type="checkbox"/>	9740
CVS 800	800	GFP14CT43P <input checked="" type="checkbox"/>	11010	GFP14CT44P <input checked="" type="checkbox"/>	12320

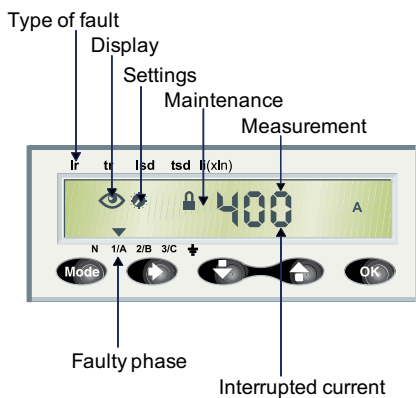
Note: Kindly order NSX/CVS MCCB +GFP+. Shunt trip coil.

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016

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



- Protection type LSIGN
- Ics = 100% Icu 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 Ir 0.36 to 1 x In and tr = 0.5 - 16 s
- Adjustable short circuit from I_{sd} 1.5 - 10 x Ir and t_{sd} I²t_{ON}/OFF 0.1 - 0.4s
- Adjustable earth fault 0.4 - 1 x In (for In=40A) & 0.2 - 1 x In (for In>40A) and t_g I²t_{ON}/OFF 0.1 - 0.4s
- Instantaneous protection Ii 1.5 x In - 15 x In (40 - 160A), 12 x In (250 - 400A) and 11 x In (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)
- Adjustable neutral protection - N, N/2, OFF and oversized neutral (standard feature) 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	LV429014X62A40	36950	LV429015X62A40	41360
	100A	LV429014X62A100	36950	LV429015X62A100	41360
	160A	LV430390X62A160	39080	LV430395X62A160	46990
36kA	250A	LV431390X62A250	44740	LV431395X62A250	53610
	40A	LV429003X62A40	36950	LV429008X62A40	42380
	100A	LV429003X62A100	36950	LV429008X62A100	42380
	160A	LV430403X62A160	40190	LV430408X62A160	47810
	250A	LV431403X62A250	45070	LV431408X62A250	55370
50kA	400A	LV432413X63A400	52820	LV432415X63A400	59540
	630A	LV432813X63A630	60690	LV432815X63A630	70770
	40A	LV429006X62A40	40190	LV429011X62A40	45620
	100A	LV429006X62A100	40190	LV429011X62A100	45620
	160A	LV430406X62A160	45620	LV430411X62A160	48870
70kA	250A	LV431406X62A250	48750	LV431411X62A250	56700
	400A	LV432403X63A400	54290	LV432408X63A400	65770
	630A	LV432803X63A630	60910	LV432808X63A630	75300
	40A	LV429004X62A40	44510	LV429009X62A40	51050
	100A	LV429004X62A100	44510	LV429009X62A100	51050
70kA	160A	LV430404X62A160	54550	LV430409X62A160	60800
	250A	LV431404X62A250	55650	LV431409X62A250	84700
	400A	LV432404X63A400	69530	LV432409X63A400	86880
	630A	LV432804X63A630	71660	LV432809X63A630	95250

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

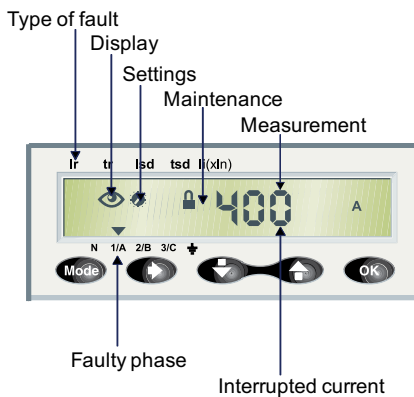
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Micrologic 6 E (Embedded Energy metering and communication capable)



- 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	52965	LV429015X62E40	58850
	100A	LV429014X62E100	52965	LV429015X62E100	58850
	160A	LV430390X62E160	53000	LV430395X62E160	59000
	250A	LV431390X62E250	54060	LV431395X62E250	65730
36KA	40A	LV429003X62E40	54120	LV429008X62E40	59110
	100A	LV429003X62E100	54120	LV429008X62E100	59110
	160A	LV430403X62E160	55000	LV430408X62E160	60000
	250A	LV431403X62E250	55650	LV431408X62E250	65800
	400A	LV432413X63E400	68750	LV432415X63E400	78780
50KA	630A	LV432813X63E630	78090	LV432815X63E630	94450
	40A	LV429006X62E40	55330	LV429011X62E40	60010
	100A	LV429006X62E100	55330	LV429011X62E100	60010
	160A	LV430406X62E160	55650	LV430411X62E160	61210
	250A	LV431406X62E250	57800	LV431411X62E250	68500
70KA	400A	LV432403X63E400	70020	LV432408X63E400	82390
	630A	LV432803X63E630	80610	LV432808X63E630	97950
	40A	LV429004X62E40	60010	LV429009X62E40	67100
	100A	LV429004X62E100	60010	LV429009X62E100	67100
	160A	LV430404X62E160	62000	LV430409X62E160	69550
70KA	250A	LV431404X62E250	66350	LV431409X62E250	96300
	400A	LV432404X63E400	81850	LV432409X63E400	98450
	630A	LV432804X63E630	89880	LV432809X63E630	110200

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

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With Magnetic Trip Unit MA type



- Ics = 100% Icu as per IEC 60947-2
- Adjustable magnetic setting $I_m 6 - 14 \times I_n$ (2.5 - 100A) & $9 - 14 \times I_n$ (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 65°C as per motor standards

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]
36kA	2.5A	LV429745	11350
	6.3A	LV429744	11350
	12.5A	LV429743	11350
	25A	LV429742	11350
	50A	LV429741	11350
	100A	LV429740 <input checked="" type="checkbox"/>	11350
	150A	LV430830	16120
50kA	2.5A	LV429755	13460
	6.3A	LV429754	13460
	12.5A	LV429753	13460
	25A	LV429752	13460
	50A	LV429751	13460
	100A	LV429750 <input checked="" type="checkbox"/>	13460
	150A	LV430832	19690
70kA	2.5A	LV431752	29040
	2.5A	LV429765	17300
	6.3A	LV429764	17300
	12.5A	LV429763	17300
	25A	LV429762	17300
	50A	LV429761	17300
	100A	LV429760	17300
150A	LV430834	29820	
	220A	LV431756	46260

With Micrologic 1.3M



- Ics = 100% Icu as per IEC 60947-2
- Suitable for Isolation
- Adjustable short circuit $I_{sd} = 5 - 13 \times I_n$
- Front indication LED (Ready LED)
- Type - 2 Co-ordination charts upto 250 kW at 400V
- Rated at 65°C as per motor standards

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]
36kA	320A	LV432748	36510
	500A	LV432948	43910
50kA	320A	LV432749	39960
	500A	LV432949	45860
70kA	320A	LV432750	51660
	500A	LV432950	51980

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016

With Micrologic 2M (μ P - ASIC based)



- Ics = 100% Icu as per IEC 60947-2
- Adjustable overload Ir 0.45 - 1 x In
- Adjustable short circuit I_{sd} 5 - 13 x Ir
- 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 65°C as per motor standards

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]
36kA	25A	LV429828	16470
	50A	LV429827	16470
	100A	LV429825	16470
	150A	LV430985	24420
	220A	LV431160	32560
	320A	LV432775	44280
50kA	500A	LV432975	53360
	25A	LV429833	20440
	50A	LV429832	20440
	100A	LV429830	20440
	150A	LV430988	27210
	220A	LV431165	34330
70kA	320A	LV432776	50880
	500A	LV432976	52480
	25A	LV429838	24870
	50A	LV429837	24870
	100A	LV429835	24870
	150A	LV430991	40080
	220A	LV431170	43860
	320A	LV432777	61300
	500A	LV432977	64260

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: Ir 0.45 - 1 x In
- Short circuit protection: I_{sd} 5 - 13 x Ir
- Ground fault protection: I_g 0.4 - 1 x In (for In=40A) & 0.2 - 1 x In (for In>40A) and t_g I_{2t}ON/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
- Iunbalance: 10 - 40% of average current and time delay 0.7s (starting) & 1 - 10s (normal operation)
- Locked Rotor: I_{jam} 1 - 8 x Ir or I_{jam} can be made OFF and t_{jam} 1 - 30s
- Under-Load (under-current): I_{und} 0.3 - 0.9 x Ir or I_{und} can be made OFF and t_{und} 1 - 200s
- Long Starts I_{long} 1 - 8 x Ir or I_{long} can be made OFF and t_{long} 1 - 200s
- Neutral: OFF or 0.5 x Ir 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

NORMAL STOCK ITEMS

WE.F. December 29, 2016

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	14900	LV438008XTMDC100	21205
	160A	LV438103XTMDC160	18340	LV438108XTMDC160	24755
	250A	LV438203XTMDC250	22850	LV438208XTMDC250	29800
	400A	LV438267	31720	LV438262	36010
	500A	LV438268	38050	LV438263	46510
	600A	LV438269	40190	LV438264	48650
100kA	100A	LV438018XTMDC100	17770	LV438019XTMDC100	24070
	160A	LV438118XTMDC160	22590	LV438119XTMDC160	29800
	250A	LV438218XTMDC250	38560	LV438219XTMDC250	40700
	400A	LV438277	45290	LV438272	55180
	500A	LV438278	49470	LV438273	59670
	600A	LV438279	49470	LV438274	59670

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016



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 <input checked="" type="checkbox"/>	900
OF or SD or SDE or SDV low level	29452	930
SDE adaptor for trip unit TM or MA or Micrologic 2 \$\$	LV429451 <input checked="" type="checkbox"/>	670
SDx 2-Programmable Contacts for Micrologic		
SDx module 24/415 V AC/DC	LV429532	10650
SDTAM Contactor Tripping Module for Micrologic 2- M/6 E-M		
SDTAM 24/415 V AC/DC overload fault indication	LV429424	11035

\$\$ 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	2210	LV429404	2830
48 V 50/60 Hz	LV429385		LV429405	
110-130 V 50/60 Hz	LV429386 <input checked="" type="checkbox"/>		LV429406 <input checked="" type="checkbox"/>	
220-240 V 50/60 Hz	LV429387 <input checked="" type="checkbox"/>		LV429407 <input checked="" type="checkbox"/>	
380-415 V 50 Hz	LV429388 <input checked="" type="checkbox"/>		LV429408 <input checked="" type="checkbox"/>	
525 V 50 Hz	LV429389		LV429409	
DC				
12 V	LV429382	2210	LV429402	2830
24 V	LV429390 <input checked="" type="checkbox"/>		LV429410 <input checked="" type="checkbox"/>	
30 V	LV429391		LV429411	
48 V	LV429392		LV429412	
60 V	LV429383		LV429403	
125 V	LV429393		LV429413	
250 V	LV429394		LV429414 <input checked="" type="checkbox"/>	

Installation Accessories

Description	100/160/250A Reference	Unit LP [₹]	400/630A Reference	Unit LP [₹]
Spreaders & Phase Barrier				
Spreaders (Set of 3) 3P	LV431563 <input checked="" type="checkbox"/>	670	32492 <input checked="" type="checkbox"/>	1450
Spreaders (Set of 4) 4P	LV431564 <input checked="" type="checkbox"/>	880	32493 <input checked="" type="checkbox"/>	1850
Phase Barrier (Set of 6)	*	-	LV432570 <input checked="" type="checkbox"/>	720
Interlocking				
For Breaker with Rotary Handle	LV429369	8390	LV432621	10560
For Breaker with Toggle	LV429354	9085	LV432614	10560
Mechanical Interlocking with Base Plate	29349**	17305	32609**	36460
Locking of Rotary Handle				
Locking Device	LV429344 <input checked="" type="checkbox"/>	520	LV432604 <input checked="" type="checkbox"/>	720
Ronis Keylock (1 Lock + 1 Key set)	41940 <input checked="" type="checkbox"/>	3660	41940 <input checked="" type="checkbox"/>	3660
Ronis Keylock (2 Locks + 1 Key set)	41950 <input checked="" type="checkbox"/>	7060	41950 <input checked="" type="checkbox"/>	7060
Profalux Keylock (1 Lock + 1 Key set)	42888	6180	42888	6180
Profalux Keylock (2 Locks + 1 Key set)	42878	7060	42878	7060

* 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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016



FDM121: Front Display Module



Test Battery



Power Supply Module



BSCM: 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	20810	LV431548	22990	LV432639	32770
	110-130 V	LV429433		LV431540		LV432640	
	220-240 V	LV429434 <input checked="" type="checkbox"/>		LV431541 <input checked="" type="checkbox"/>		LV432641 <input checked="" type="checkbox"/>	
	380-415 V	LV429435		LV431542		LV432642	
	440-480 V	LV429435		LV431542		LV432647	
DC	24-30 V	LV429436	26970	LV431543	29250	LV432643	38660
	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	2710	-	-
Locking Device	-	-	LV432649	820
Ronis Keylock	-	-	41940 <input checked="" type="checkbox"/>	3660
Profalux Keylock	-	-	42888	6180
Torque Limiting Screws (Set of 12)	LV429513	1910	LV432513	2270

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 <input checked="" type="checkbox"/>	11140
ULP Wiring Accessories		
NSX cord L = 0.35 m	LV434200	2565
NSX cord L = 1.3 m	LV434201 <input checked="" type="checkbox"/>	2360
5 RJ45/RJ45 MALE Cord L = 1m	TRV00810	2430
10 Stacking connectors for COM interface	TRV00217	3790
ULP Communication Module		
IFM MODBUS Interface Module	TRV00210	9590
BSCM (Breaker Status and Control Module)	LV434205 <input checked="" type="checkbox"/>	8090
Power Supply Modules		
External power supply module 24 V DC-1 A OVC IV		
24-30 V DC	54440	14180
48-60 V DC	54441	
100-125 V AC	54442	
110-130 V AC	54443	
200-240 V AC	54444 <input checked="" type="checkbox"/>	
380-415 V AC	54445	
Pocket battery for Micrologic NSX100-630	LV434206	

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016



Direct Rotary Handle



Extended Rotary Handle



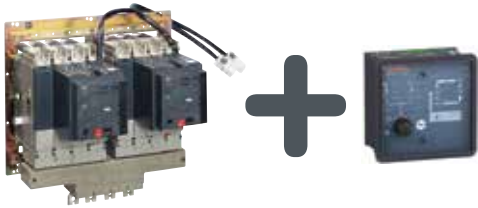
Plug in Base



Draw-Out Chassis Kit

Description	100/160/250A Reference	Unit LP [₹]	400/630A Reference	Unit LP [₹]
Rotary Handles				
Standard direct black handle	LV429337 <input checked="" type="checkbox"/>	1130	LV432597 <input checked="" type="checkbox"/>	1700
Standard extended rotary handle	LV429338 <input checked="" type="checkbox"/>	1840	LV432598 <input checked="" type="checkbox"/>	3310
Plug in Base (Complete Kit)				
3 Pole	LV429289 <input checked="" type="checkbox"/>	7870	LV432538 <input checked="" type="checkbox"/>	18050
4 Pole	LV429290 <input checked="" type="checkbox"/>	10180	LV432539 <input checked="" type="checkbox"/>	22500
Draw-Out Chassis Kit				
3 Pole				
Plug In base	LV429289 <input checked="" type="checkbox"/>	7870	LV432538 <input checked="" type="checkbox"/>	18050
Chassis Side Plate for base	LV429282 <input checked="" type="checkbox"/>	10610	LV432532 <input checked="" type="checkbox"/>	13440
Chassis Side Plate for breaker	LV429283 <input checked="" type="checkbox"/>	5610	LV432533 <input checked="" type="checkbox"/>	7830
4 Pole				
Plug In base	LV429290 <input checked="" type="checkbox"/>	10180	LV432539 <input checked="" type="checkbox"/>	22500
Chassis Side Plate for base	LV429282 <input checked="" type="checkbox"/>	10610	LV432532 <input checked="" type="checkbox"/>	13440
Chassis Side Plate for breaker	LV429283 <input checked="" type="checkbox"/>	5610	LV432533 <input checked="" type="checkbox"/>	7830
Plug In / Withdrawable version Accessories				
Automatic Auxilliary Connectors				
1 9-wire fixed connector (for base)	LV429273	1120	LV429273	1120
1 9-wire moving connector (for circuit breaker)	LV429274	770	LV432523 <input checked="" type="checkbox"/>	820
1 support for 2 moving connectors	LV429275	590	LV432525 <input checked="" type="checkbox"/>	590
Manual Auxilliary Connectors				
9-wire manual auxiliary connector (fixed + moving)	LV429272	3795	LV429272	3795

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	215620	LV4A3F100100U4	235965
NSX160F	NSX100F	LV4A3F160100B4	222515	LV4A3F160100U4	242850
NSX160F	NSX160F	LV4A3F160160B4	228895	LV4A3F160160U4	249235
NSX250F	NSX100F	LV4A3F250100B4	236865	LV4A3F250100U4	257205
NSX250F	NSX160F	LV4A3F250160B4	243755	LV4A3F250160U4	264100
NSX250F	NSX250F	LV4A3F250250B4	258055	LV4A3F250250U4	278400
NSX400F	NSX100F	LV4A3F400100B4*	276700	LV4A3F400100U4*	264890
NSX400F	NSX160F	LV4A3F400160B4*	282520	LV4A3F400160U4*	270085
NSX400F	NSX250F	LV4A3F400250B4*	263590	LV4A3F400250U4*	281730
NSX400F	NSX400F	LV4A3F400400B4	317440	LV4A3F400400U4	337775
NSX630F	NSX160F	LV4A3F630160B4*	254715	LV4A3F630160U4*	272860
NSX630F	NSX250F	LV4A3F630250B4*	266355	LV4A3F630250U4*	284495
NSX630F	NSX400F	LV4A3F630400B4	320600	LV4A3F630400U4	340945
NSX630F	NSX630F	LV4A3F630630B4	323710	LV4A3F630630U4	344050

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	224155	LV4A4F100100U4	244495
NSX160F	NSX100F	LV4A4F160100B4	231895	LV4A4F160100U4	252235
NSX160F	NSX160F	LV4A4F160160B4	233990	LV4A4F160160U4	254330
NSX250F	NSX100F	LV4A4F250100B4	248725	LV4A4F250100U4	269070
NSX250F	NSX160F	LV4A4F250160B4	256410	LV4A4F250160U4	276755
NSX250F	NSX250F	LV4A4F250250B4	260235	LV4A4F250250U4	266300
NSX400F	NSX100F	LV4A4F400100B4*	289810	LV4A4F400100U4*	276535
NSX400F	NSX160F	LV4A4F400160B4*	266135	LV4A4F400160U4*	284275
NSX400F	NSX250F	LV4A4F400250B4*	278795	LV4A4F400250U4*	296930
NSX400F	NSX400F	LV4A4F400400B4	331000	LV4A4F400400U4	351340
NSX630F	NSX160F	LV4A4F630160B4*	276535	LV4A4F630160U4*	294670
NSX630F	NSX250F	LV4A4F630250B4*	289190	LV4A4F630250U4*	307325
NSX630F	NSX400F	LV4A4F630400B4	342695	LV4A4F630400U4	363035
NSX630F	NSX630F	LV4A4F630630B4	354335	LV4A4F630630U4	374680

* 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.

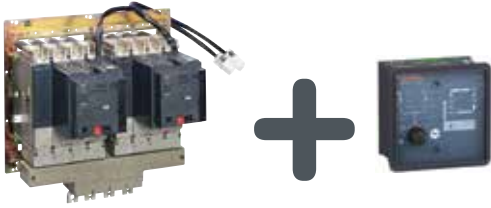
UA controller with 220/240V AC is not available

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016



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	219580	LV4A3N100100U4	239920
NSX160N	NSX100N	LV4A3N160100B4	228390	LV4A3N160100U4	248725
NSX160N	NSX160N	LV4A3N160160B4	232800	LV4A3N160160U4	253135
NSX250N	NSX100N	LV4A3N250100B4	239125	LV4A3N250100U4	259470
NSX250N	NSX160N	LV4A3N250160B4	247935	LV4A3N250160U4	268275
NSX250N	NSX250N	LV4A3N250250B4	258730	LV4A3N250250U4	279070
NSX400N	NSX100N	LV4A3N400100B4*	252070	LV4A3N400100U4*	270205
NSX400N	NSX160N	LV4A3N400160B4*	258225	LV4A3N400160U4*	276355
NSX400N	NSX250N	LV4A3N400250B4*	267375	LV4A3N400250U4*	285520
NSX400N	NSX400N	LV4A3N400400B4	321505	LV4A3N400400U4	341845
NSX630N	NSX160N	LV4A3N630160B4*	262465	LV4A3N630160U4*	280605
NSX630N	NSX250N	LV4A3N630250B4*	271565	LV4A3N630250U4*	289695
NSX630N	NSX400N	LV4A3N630400B4	326260	LV4A3N630400U4	346595
NSX630N	NSX630N	LV4A3N630630B4	331000	LV4A3N630630U4	351340

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	227425	LV4A4N100100U4	247770
NSX160N	NSX100N	LV4A4N160100B4	235225	LV4A4N160100U4	255560
NSX160N	NSX160N	LV4A4N160160B4	235675	LV4A4N160160U4	256020
NSX250N	NSX100N	LV4A4N250100B4	250770	LV4A4N250100U4	271105
NSX250N	NSX160N	LV4A4N250160B4	258565	LV4A4N250160U4	278905
NSX250N	NSX250N	LV4A4N250250B4	274040	LV4A4N250250U4	280365
NSX400N	NSX100N	LV4A4N400100B4*	267605	LV4A4N400100U4*	285740
NSX400N	NSX160N	LV4A4N400160B4*	274495	LV4A4N400160U4*	292630
NSX400N	NSX250N	LV4A4N400250B4*	287260	LV4A4N400250U4*	305410
NSX400N	NSX400N	LV4A4N400400B4	343780	LV4A4N400400U4	364115
NSX630N	NSX160N	LV4A4N630160B4*	284385	LV4A4N630160U4*	302520
NSX630N	NSX250N	LV4A4N630250B4*	297150	LV4A4N630250U4*	315295
NSX630N	NSX400N	LV4A4N630400B4	354895	LV4A4N630400U4	375240
NSX630N	NSX630N	LV4A4N630630B4	366030	LV4A4N630630U4	386375

* 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

NORMAL STOCK ITEMS

WE.F. December 29, 2016

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

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 <input checked="" type="checkbox"/>	64680	INA_4P33469D	84610
	1000	INA_3P33472D	83020	INA_4P33475D	120460
	1250	INA_3P33478D	101490	INA_4P33480D	155640
70kA	800	INA_3P33467D	79050	INA_4P33470D	101040
	1000	INA_3P33473D	104600	INA_4P33476D	157280
	1250	INA_3P33479D	127960	INA_4P33481D	173250
With Extended Rotary Handle					
50kA	800	INA_3P33466E <input checked="" type="checkbox"/>	68610	INA_4P33469E <input checked="" type="checkbox"/>	89140
	1000	INA_3P33472E <input checked="" type="checkbox"/>	87490	INA_4P33475E <input checked="" type="checkbox"/>	126000
	1250	INA_3P33478E <input checked="" type="checkbox"/>	104410	INA_4P33480E	159110
70kA	800	INA_3P33467E	83410	INA_4P33470E	106060
	1000	INA_3P33473E	109610	INA_4P33476E	164000
	1250	INA_3P33479E	131200	INA_4P33481E	180390



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	91620	INA_4P96469D	111550
	1000	INA_3P96472D	109950	INA_4P96475D	147390
	1250	INA_3P96478D	128960	INA_4P96480D	183120
70kA	800	INA_3P96467D	105990	INA_4P96470D	127980
	1000	INA_3P96473D	131530	INA_4P96476D	184220
	1250	INA_3P96479D	155440	INA_4P96481D	200180
With Extended Rotary Handle					
50kA	800	INA_3P96466E	96240	INA_4P96469E	116870
	1000	INA_3P96472E	115190	INA_4P96475E	159700
	1250	INA_3P96478E	132160	INA_4P96480E	185010
70kA	800	INA_3P96467E	111150	INA_4P96470E	133800
	1000	INA_3P96473E	137350	INA_4P96476E	191690
	1250	INA_3P96479E	157380	INA_4P96481E	206070

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 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

NORMAL STOCK ITEMS

WE.F. December 29, 2016

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	90915	INA_8N4PFM2ED1	105555
	1000	INA_10N3PFM2ED1	103895	INA_10N4PFM2ED1	152400
	1250	INA_12N3PFM2ED1	129280	INA_12N4PFM2ED1	187830
70kA	800	INA_8H3PFM2ED1	106790	INA_8H4PFM2ED1	131070
	1000	INA_10H3PFM2ED1	134860	INA_10H4PFM2ED1	193010
	1250	INA_12H3PFM2ED1	157970	INA_12H4PFM2ED1	210560
With Extended Rotary Handle					
50kA	800	INA_8N3PFM2EE1	92970	INA_8N4PFM2EE1	107450
	1000	INA_10N3PFM2EE1	113250	INA_10N4PFM2EE1	154460
	1250	INA_12N3PFM2EE1	131350	INA_12N4PFM2EE1	189890
70kA	800	INA_8H3PFM2EE1	108850	INA_8H4PFM2EE1	133070
	1000	INA_10H3PFM2EE1	136980	INA_10H4PFM2EE1	195060
	1250	INA_12H3PFM2EE1	160040	INA_12H4PFM2EE1	212680

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	96255	INA_8N4PFM6ED1	122710
	1000	INA_10N3PFM6ED1	129510	INA_10N4PFM6ED1	170845
	1250	INA_12N3PFM6ED1	147675	INA_12N4PFM6ED1	206210
70kA	800	INA_8H3PFM6ED1	125160	INA_8H4PFM6ED1	149390
	1000	INA_10H3PFM6ED1	153300	INA_10H4PFM6ED1	211390
	1250	INA_12H3PFM6ED1	176300	INA_12H4PFM6ED1	229000
With Extended Rotary Handle					
50kA	800	INA_8N3PFM6EE1	102160	INA_8N4PFM6EE1	124670
	1000	INA_10N3PFM6EE1	131625	INA_10N4PFM6EE1	172845
	1250	INA_12N3PFM6EE1	149730	INA_12N4PFM6EE1	200265
70kA	800	INA_8H3PFM6EE1	118925	INA_8H4PFM6EE1	147100
	1000	INA_10H3PFM6EE1	155290	INA_10H4PFM6EE1	213450
	1250	INA_12H3PFM6EE1	178410	INA_12H4PFM6EE1	231000

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016

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	112365	INA_4P93284_20	127620
	1000	INA_3P93290_20	132245	INA_4P93294_20	172735
	1250	INA_3P93300_20	150010	INA_4P93304_20	207445
70kA	800	INA_3P93281_20	127960	INA_4P93285_20	151795
	1000	INA_3P93291_20	155530	INA_4P93295_20	212565
	1250	INA_3P93301_20	178145	INA_4P93305_20	229780
For Control Voltage 415V AC					
50kA	800	INA_3P93280_40	112365	INA_4P93284_40	127620
	1000	INA_3P93290_40	132245	INA_4P93294_40	172735
	1250	INA_3P93300_40	150010	INA_4P93304_40	207445
70kA	800	INA_3P93281_40	127960	INA_4P93285_40	151795
	1000	INA_3P93291_40	155530	INA_4P93295_40	212565
	1250	INA_3P93301_40	178145	INA_4P93305_40	229780



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	141490	INA_4P96284_20	163045
	1000	INA_3P96290_20	161380	INA_4P96294_20	201875
	1250	INA_3P96300_20	172245	INA_4P96304_20	227470
70kA	800	INA_3P96281_20	157085	INA_4P96285_20	180925
	1000	INA_3P96291_20	184655	INA_4P96295_20	241700
	1250	INA_3P96301_20	207275	INA_4P96305_20	258905
For Control Voltage 415V AC					
50kA	800	INA_3P96280_40	141490	INA_4P96284_40	163045
	1000	INA_3P96290_40	161380	INA_4P96294_40	201875
	1250	INA_3P96300_40	179135	INA_4P96304_40	236570
70kA	800	INA_3P96281_40	157085	INA_4P96285_40	180925
	1000	INA_3P96291_40	184655	INA_4P96295_40	241700
	1250	INA_3P96301_40	207275	INA_4P96305_40	258905

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 (I ² t 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 (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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016

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	134180	INA_8N4PFE2E0120	156130
	1000	INA_10N3PFE2E0120	154360	INA_10N4PFE2E0120	195690
	1250	INA_12N3PFE2E0120	172520	INA_12N4PFE2E0120	231050
70kA	800	INA_8H3PFE2E0120	147120	INA_8H4PFE2E0120	174290
	1000	INA_10H3PFE2E0120	178140	INA_10H4PFE2E0120	236240
	1250	INA_12H3PFE2E0120	201150	INA_12H4PFE2E0120	253780
For Control Voltage 415V AC					
50kA	800	INA_8N3PFE2E0140	134180	INA_8N4PFE2E0140	156130
	1000	INA_10N3PFE2E0140	154360	INA_10N4PFE2E0140	195690
	1250	INA_12N3PFE2E0140	172520	INA_12N4PFE2E0140	231050
70kA	800	INA_8H3PFE2E0140	150010	INA_8H4PFE2E0140	174290
	1000	INA_10H3PFE2E0140	178140	INA_10H4PFE2E0140	236240
	1250	INA_12H3PFE2E0140	201150	INA_12H4PFE2E0140	253780

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	152520	INA_8N4PFE6E0120	169440
	1000	INA_10N3PFE6E0120	172790	INA_10N4PFE6E0120	214000
	1250	INA_12N3PFE6E0120	190890	INA_12N4PFE6E0120	249440
70kA	800	INA_8H3PFE6E0120	168450	INA_8H4PFE6E0120	192680
	1000	INA_10H3PFE6E0120	196520	INA_10H4PFE6E0120	254620
	1250	INA_12H3PFE6E0120	219580	INA_12H4PFE6E0120	272220
For Control Voltage 415V AC					
50kA	800	INA_8N3PFE6E0140	152520	INA_8N4PFE6E0140	174510
	1000	INA_10N3PFE6E0140	172790	INA_10N4PFE6E0140	214000
	1250	INA_12N3PFE6E0140	190890	INA_12N4PFE6E0140	249430
70kA	800	INA_8H3PFE6E0140	168450	INA_8H4PFE6E0140	192680
	1000	INA_10H3PFE6E0140	196520	INA_10H4PFE6E0140	254620
	1250	INA_12H3PFE6E0140	219580	INA_12H4PFE6E0140	272220

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	5300	33668	5500
	48 V	33660		33669	
	110-130 V	33661 <input checked="" type="checkbox"/>		33670	
	220-240 V	33662 <input checked="" type="checkbox"/>		33671 <input checked="" type="checkbox"/>	
	380-415 V	33664		33673 <input checked="" type="checkbox"/>	
DC	24 V	33659	5300	33668	5500
	48 V	33660		33669	
	125 V	33661 <input checked="" type="checkbox"/>		33670	
	250 V	33662 <input checked="" type="checkbox"/>		33671 <input checked="" type="checkbox"/>	

Description	NS800 to 1600 Reference	Unit LP [₹]
Spreaders (Set of 3) 3P	33622 <input checked="" type="checkbox"/>	8870
Spreaders (Set of 4) 4P	33623 <input checked="" type="checkbox"/>	11035

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

NORMAL STOCK ITEMS

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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 & Microprocessor trip units (400 & 630A) are available
- 3P & 4P versions available
- Common accessories upto 630A

EasyPact CVS 100 BS Moulded Case Circuit Breakers for Distribution Network

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 (I _r) 0.8 - 1 x I _n					
25kA*	16A	LV510930	5880	LV510950	7730
	20A	LV510931	5880	LV510951	7730
	25A	LV510932	5880	LV510952	7730
	32A	LV510933	5880	LV510953	7730
	40A	LV510934	5880	LV510954	7730
	50A	LV510935	5880	LV510955	7730
	63A	LV510936	5880	LV510956	7730
	80A	LV510937	5880	LV510957	7730
	100A	LV510938	5880	LV510958	7730

Accessories

Description	CVS100BS Reference	Unit LP [₹]
Auxiliary Contacts (Changeover) Multifunction		
Auxiliary Switch 1 C/O	EZAUX10 <input checked="" type="checkbox"/>	780
Alarm Switch 1 C/O	EZAUX01	
Alarm - Auxiliary Switch	EZAUX11 <input checked="" type="checkbox"/>	1160
Spreaders		
Spreaders *(Set Of 3) 3P	EZASPDR3P <input checked="" type="checkbox"/>	320
Spreaders *(Set Of 4) 4P	EZASPDR4P <input checked="" type="checkbox"/>	420
Phase Barriers		
	EZAFASB2	190
Rotary Handle		
Direct Rotary handle	EZAROTDS <input checked="" type="checkbox"/>	1100
Extended Rotary handle	EZAROTE	1670
Shunt Release		
AC		
100-130 V	EZASHT100AC	1670
200-277 V	EZASHT200AC <input checked="" type="checkbox"/>	
380-480 V	EZASHT380AC	
DC		
24 V	EZASHT024DC	1670
48 V	EZASHT048DC	

*I_{cs}=17kA

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NORMAL STOCK ITEMS

W.E.F. December 29, 2016

• 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 <input checked="" type="checkbox"/>	6750	LV510310	9430
	25A	LV510301 <input checked="" type="checkbox"/>	6750	LV510311 <input checked="" type="checkbox"/>	9430
	32A	LV510302 <input checked="" type="checkbox"/>	6750	LV510312 <input checked="" type="checkbox"/>	9430
	40A	LV510303 <input checked="" type="checkbox"/>	6750	LV510313 <input checked="" type="checkbox"/>	9430
	50A	LV510304 <input checked="" type="checkbox"/>	6750	LV510314	9430
	63A	LV510305 <input checked="" type="checkbox"/>	6750	LV510315 <input checked="" type="checkbox"/>	9430
	80A	LV510306 <input checked="" type="checkbox"/>	6750	LV510316 <input checked="" type="checkbox"/>	9430
	100A	LV510307 <input checked="" type="checkbox"/>	6750	LV510317 <input checked="" type="checkbox"/>	9430
	125A	LV516302 <input checked="" type="checkbox"/>	9940	LV516312 <input checked="" type="checkbox"/>	12240
	160A	LV516303 <input checked="" type="checkbox"/>	13050	LV516313 <input checked="" type="checkbox"/>	15400
200A	LV525302 <input checked="" type="checkbox"/>	17700	LV525312	21750	
Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
25kA	250A	LV525303 <input checked="" type="checkbox"/>	20450	LV525313	24850

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 <input checked="" type="checkbox"/>	9340	LV510340	11930
	25A	LV510331 <input checked="" type="checkbox"/>	9340	LV510341	11930
	32A	LV510332 <input checked="" type="checkbox"/>	9340	LV510342 <input checked="" type="checkbox"/>	11930
	40A	LV510333 <input checked="" type="checkbox"/>	9340	LV510343 <input checked="" type="checkbox"/>	11930
	50A	LV510334 <input checked="" type="checkbox"/>	9340	LV510344	11930
	63A	LV510335 <input checked="" type="checkbox"/>	9340	LV510345 <input checked="" type="checkbox"/>	11930
	80A	LV510336 <input checked="" type="checkbox"/>	9340	LV510346	11930
	100A	LV510337 <input checked="" type="checkbox"/>	9340	LV510347 <input checked="" type="checkbox"/>	11930
	125A	LV516332 <input checked="" type="checkbox"/>	10300	LV516342	12760
	160A	LV516333 <input checked="" type="checkbox"/>	14210	LV516343	16470
200A	LV525332	20240	LV525342 <input checked="" type="checkbox"/>	24670	
Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
36kA	250A	LV525333	22020	LV525343 <input checked="" type="checkbox"/>	26390
	320A	LV540305	26360	LV540308 <input checked="" type="checkbox"/>	33440
	400A	LV540306	26600	LV540309 <input checked="" type="checkbox"/>	33770
	500A	LV563305 <input checked="" type="checkbox"/>	31410	LV563308 <input checked="" type="checkbox"/>	39180
	630A**	LV563306 <input checked="" type="checkbox"/>	31970	LV563309 <input checked="" type="checkbox"/>	39580

Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
50kA	16A	LV510470 <input checked="" type="checkbox"/>	11740	LV510480	14860
	25A	LV510471	11740	LV510481	14860
	32A	LV510472 <input checked="" type="checkbox"/>	11740	LV510482 <input checked="" type="checkbox"/>	14860
	40A	LV510473	11740	LV510483	14860
	50A	LV510474	11740	LV510484	14860
	63A	LV510475 <input checked="" type="checkbox"/>	11740	LV510485 <input checked="" type="checkbox"/>	14860
	80A	LV510476 <input checked="" type="checkbox"/>	11740	LV510486	14860
	100A	LV510477 <input checked="" type="checkbox"/>	11740	LV510487 <input checked="" type="checkbox"/>	14860
	125A	LV516462 <input checked="" type="checkbox"/>	16250	LV516467	18300
	160A	LV516463 <input checked="" type="checkbox"/>	17000	LV516468	19850
200A	LV525452	22640	LV525457 <input checked="" type="checkbox"/>	28310	
Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
50kA	250A	LV525453	24340	LV525458 <input checked="" type="checkbox"/>	29860
	320A	LV540315 <input checked="" type="checkbox"/>	28770	LV540318	35970
	400A	LV540316 <input checked="" type="checkbox"/>	28770	LV540319 <input checked="" type="checkbox"/>	35970
	500A	LV563315 <input checked="" type="checkbox"/>	34050	LV563318	42950
	630A**	LV563316 <input checked="" type="checkbox"/>	34050	LV563319 <input checked="" type="checkbox"/>	44820

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016

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 <input checked="" type="checkbox"/>	50270	LV580301 <input checked="" type="checkbox"/>	54250
50kA	800A	LV580302 <input checked="" type="checkbox"/>	54210	LV580303 <input checked="" type="checkbox"/>	61620

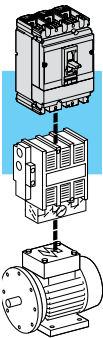
EasyPact CVS 400 to 630A With Microprocessor Based Trip Unit



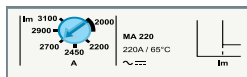
- Ics = 100% Icu as per IEC 60947-2
- Suitable for Isolation
- Adjustable Overload from 0.5 to 1*In
- Adjustable Short Circuit from 2 to 10*Ir
- Adjustable Neutral Protection - N, N/2, OFF for 4 Pole MCCB
- Inbuilt Thermal Memory

Breaking Capacity Ics as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
EasyPact CVS 400 to 630A					
36 kA	400A	LV540505 <input checked="" type="checkbox"/>	31410	LV540506 <input checked="" type="checkbox"/>	37460
	630A	LV563505 <input checked="" type="checkbox"/>	34870	LV563506 <input checked="" type="checkbox"/>	44710
50 kA	400A	LV540510 <input checked="" type="checkbox"/>	33160	LV540511 <input checked="" type="checkbox"/>	42330
	630A	LV563510 <input checked="" type="checkbox"/>	36640	LV563511 <input checked="" type="checkbox"/>	48890

Moulded Case 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	8330
	6.3A	LV510451	8330
	12.5A	LV510452 <input checked="" type="checkbox"/>	8750
	25A	LV510453 <input checked="" type="checkbox"/>	11430
	50A	LV510454 <input checked="" type="checkbox"/>	11430
	100A	LV510455 <input checked="" type="checkbox"/>	11450
	150A	LV516451 <input checked="" type="checkbox"/>	14780
Breaking Capacity Ics as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]
50kA	220A	LV525442 <input checked="" type="checkbox"/>	17220
	320A	LV540552 <input checked="" type="checkbox"/>	31290
	500A	LV563552	36500

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016

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	6000	LV510426	7600
160A	LV516425	7000	LV516426	9000
Rated Current	Three Pole Reference	Unit LP [₹]	Four PoleReference	Unit LP [₹]
250A	LV525425	15000	LV525426	19000
400A	LV540400	22000	LV540401	28000
630A	LV563400	25000	LV563401	32000

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016



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 <input checked="" type="checkbox"/>	900
OF or SD or SDE or SDV low level	29452	930
SDE adapter for trip unit TM or MA or ETS 2.3 \$\$	LV429451 <input checked="" type="checkbox"/>	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 <input checked="" type="checkbox"/>	2210	LV429404	2830
48 V 50/60 Hz	LV429385		LV429405	
110-130 V 50/60 Hz	LV429386 <input checked="" type="checkbox"/>		LV429406 <input checked="" type="checkbox"/>	
220-240 V 50/60 Hz	LV429387 <input checked="" type="checkbox"/>		LV429407 <input checked="" type="checkbox"/>	
380-415 V 50 Hz	LV429388 <input checked="" type="checkbox"/>		LV429408 <input checked="" type="checkbox"/>	
525 V 50 Hz	LV429389		LV429409	
DC				
12 V	LV429382	2210	LV429402	2830
24 V	LV429390 <input checked="" type="checkbox"/>		LV429410 <input checked="" type="checkbox"/>	
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 <input checked="" type="checkbox"/>	1130	LV432597 <input checked="" type="checkbox"/>	1700
Extended rotary handle				
Standard extended rotary handle	LV429338 <input checked="" type="checkbox"/>	1840	LV432598 <input checked="" type="checkbox"/>	3310

Installation Accessories

Description	100/160/250A Reference	Unit LP [₹]	400/630A Reference	Unit LP [₹]
Spreaders & Phase Barriers				
Spreaders (Set of 3) 3P	LV431563 <input checked="" type="checkbox"/>	670	32492 <input checked="" type="checkbox"/>	1450
Spreaders (Set of 4) 4P	LV431564 <input checked="" type="checkbox"/>	880	32493 <input checked="" type="checkbox"/>	1850
Phase Barriers (Set of 6)	*		LV432570 <input checked="" type="checkbox"/>	720
Interlocking				
For Breaker with Rotary Handle	LV429369	8390	LV432621	10560
For Breaker with Toggle	LV429354	9085	LV432614	10560
Mechanical Interlocking with Base Plate	29349**	17305	32609**	36460
Locking of Rotary Handle				
Locking Device	LV429344 <input checked="" type="checkbox"/>	520	LV432604 <input checked="" type="checkbox"/>	720
Ronis Keylock (1 Lock + 1 Key set)	41940 <input checked="" type="checkbox"/>	3660	41940 <input checked="" type="checkbox"/>	3660
Ronis Keylock (2 Locks + 1 Key set)	41950 <input checked="" type="checkbox"/>	7060	41950 <input checked="" type="checkbox"/>	7060
Profalux Keylock (1 Lock + 1 Key set)	42888	6180	42888	6180
Profalux Keylock (2 Locks + 1 Key set)	42878	7060	42878	7060

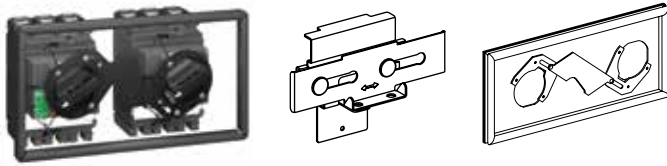
* supplied as standard with spreaders

** 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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016



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	9085
With rotary handles 100A -250A	LV429369	8390
With toggles 400A to 630A	LV432614	10560
With rotary handles 400A to 630A	LV432621	10560

Accessories for CVS 800A

Auxiliary/Alarms contacts

Description	Reference	Unit LP [₹]
Auxiliary Switch 1 C/O	LV580075	1190
Alarm switch 1 c/o	LV580077	1080

Voltage Releases

Description	Shunt Release Reference	Unit MRP [₹]	Undervoltage Reference	Unit LP [₹]
AC				
220-240 V 50/60 Hz	LV580061	2280	LV580071	2860

Rotary Handles

Description	800A Reference	Unit LP [₹]
Extended rotary handle		
Standard extended rotary handle	LV580081 <input checked="" type="checkbox"/>	2000

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016

Type 2 Co-ordination Table Fuseless (DOL Starter) with EasyPact CVS

- Standard : IEC 60947-4-1
- Short Circuit Protection Device type: MCCB
- Performance «Iq» (kA) : 50kA
- Operational Voltage (Ue) : 415VAC / 50Hz

Motor rating kW	FLC I(A) 415V	Ie max	Circuit Breaker Type	Rated current (A)	Setting	I _{rm} (A)	Contactor Type	Thermal Relay Type	Thermal range I _{rth}	I _q kA	I _r kA
0.37	1.1	1.6	CVS100-MA	2.5	6..13	22.5	LC1E09	LRE06 ⁽³⁾	1..1.6	50	1
0.55	1.5	1.6	CVS100-MA	2.5	6..14	32.5	LC1E09	LRE06 ⁽³⁾	1..1.6	50	1
0.75	1.8	2.5	CVS100-MA	2.5	6..14	32.5	LC1E09	LRE07 ⁽³⁾	1.6..2.5	50	1
1.1	2.6	4	CVS100-MA	6.3	6..14	57	LC1E32	LRE08 ⁽³⁾	2.5..4	50	1
1.5	3.4	4	CVS100-MA	6.3	6..14	57	LC1E32	LRE08 ⁽³⁾	2.5..4	50	1
2.2	4.8	6	CVS100-MA	6.3	6..14	82	LC1E32	LRE10 ⁽³⁾	4..6	50	1
3	6.5	8	CVS100-MA	12.5	6..14	113	LC1E80	LRE12 ⁽¹⁾⁽³⁾	5.5..8	50	1
4	8.2	10	CVS100-MA	12.5	6..14	138	LC1E80	LRE14 ⁽¹⁾⁽³⁾	7..10	50	1
5.5	11	12.5	CVS100-MA	12.5	6..14	163	LC1E80	LRE16 ⁽¹⁾⁽³⁾	9..13	50	1
7.5	14	18	CVS100-MA	25	6..14	250	LC1E80	LRE21 ⁽¹⁾⁽³⁾	12..18	50	3
10	19	25	CVS100-MA	25	6..14	325	LC1E80	LRE322 ⁽²⁾⁽³⁾	17..25	50	3
11	21	25	CVS100-MA	25	6..14	325	LC1E80	LRE322 ⁽²⁾⁽³⁾	17..25	50	3
15	28	32	CVS100-MA	50	6..14	450	LC1E80	LRE353 ⁽²⁾⁽³⁾	23..32	50	3
18.5	34	40	CVS100-MA	50	6..14	550	LC1E80	LRE355 ⁽²⁾⁽³⁾	30..40	50	3
22	40	50	CVS100-MA	50	6..14	650	LC1E80	LRE357 ⁽²⁾	37..50	50	3
30	55	63	CVS100-MA	100	6..14	900	LC1E120	LRE480	51..81	50	3
37	66	100	CVS100-MA	100	6..14	1100	LC1E120	LRE481	62..99	50	5
45	80	100	CVS100-MA	100	6..14	1300	LC1E120	LRE481	62..99	50	5
55	100	135	CVS160-MA	150	9..14	1500	LC1E160	LRE482	84..135	50	5
75	135	150	CVS160-MA	150	9..14	1950	LC1E160	LRE483	124..198	50	10
90	160	185	CVS250-MA	220	9..14	2420	LC1E300	LRE484	146..234	50	10
110	200	220	CVS250-MA	220	9..14	2860	LC1E300	LRE484	146..234	50	10
132	230	265	CVS400-MA	320	6..13	3500	LC1E300	LRE485	174..279	50	10
160	270	315	CVS400-MA	320	6..13	4160	LC1E300	LRE486	208..333	50	10
200	361	400	CVS630-MA	500	6..13	5700	LC1F500	LR9-F73 79	300..500	50	18
220	380	500	CVS630-MA	500	6..13	6500	LC1F500	LR9-F73 79	300..500	50	18
250	430	500	CVS630-MA	500	6..13	6500	LC1F500	LR9-F73 79	300..500	50	18

(1) Separate mounting with LAEB1 terminal block

(2) Separate mounting with LAEB3 terminal block

(3) Type 1 for O/L relay

EasyPact EZC

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
- 1P, 2P, 3P and 4P versions available

Moulded Case Circuit Breakers for Distribution Network

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 [₹]	Four Pole Reference	Unit MRP [₹]
30 kA	15A	EZC100H3015 <input checked="" type="checkbox"/>	4560	EZC100H4015	6320
	20A	EZC100H3020 <input checked="" type="checkbox"/>		EZC100H4020	
	25A	EZC100H3025 <input checked="" type="checkbox"/>		EZC100H4025	
	32A	EZC100H3032 <input checked="" type="checkbox"/>		EZC100H4032	
	40A	EZC100H3040 <input checked="" type="checkbox"/>		EZC100H4040	
	50A	EZC100H3050 <input checked="" type="checkbox"/>		EZC100H4050	
	63A	EZC100H3063 <input checked="" type="checkbox"/>		EZC100H4063 <input checked="" type="checkbox"/>	
	80A	EZC100H3080 <input checked="" type="checkbox"/>		EZC100H4080	
36kA	100A	EZC100H3100 <input checked="" type="checkbox"/>		EZC100H4100 <input checked="" type="checkbox"/>	
	125A	EZC250H3125	7010	EZC250H4125	9450
	160A	EZC250H3160	9200	EZC250H4160	11830
	200A	EZC250H3200	11410	EZC250H4200	15410
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP* [₹]	Four Pole Reference	Unit LP* [₹]
36kA	250A	EZC250H3250	12750	EZC250H4250	17220
50KA	320A	EZC400H3320N	19950	EZC400H4320N	23000
	400A	EZC400H3400N	20580	EZC400H4400N	26750

Note:

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

*LP is List Price

Description	EZC100 Reference	Unit LP [₹]	EZC250 Reference	Unit LP [₹]
Auxiliary Contacts (Changeover) Multifunction				
Auxiliary Switch 1 C/O	EZAUX10 <input checked="" type="checkbox"/>	780	EZEAX <input checked="" type="checkbox"/>	945
Alarm Switch 1 C/O	EZAUX01		EZEAL <input checked="" type="checkbox"/>	
Alarm - Auxiliary Switch	EZAUX11 <input checked="" type="checkbox"/>	1160	EZEAXAL	1385
Spreaders				
Spreaders *(Set Of 3) 3P	EZASPDR3P <input checked="" type="checkbox"/>	320	EZESPDR3P <input checked="" type="checkbox"/>	475
Spreaders *(Set Of 4) 4P	EZASPDR4P <input checked="" type="checkbox"/>	420	EZESPDR4P	615
Phase Barriers				
	EZAFASB2	190	EZEFASB2	270
Rotary Handle				
Direct Rotary handle	EZAROTDS <input checked="" type="checkbox"/>	1100	EZEROTDS	1385
Extended Rotary handle	EZAROTE	1670	EZEROTE	1670
Shunt Release				
AC				
100-130 V	EZASHT100AC	1670	EZESHT100AC	1670
200-277 V	EZASHT200AC <input checked="" type="checkbox"/>		EZESHT200AC <input checked="" type="checkbox"/>	
380-480 V	EZASHT380AC		EZESHT400AC	
DC				
24 V	EZASHT024DC	1670	EZESHT024DC	1670
48 V	EZASHT048DC		EZESHT048DC	

Description	EZC 400/600 Reference	Unit LP [₹]
Auxiliary Contacts		
OF or SD or SDE	29450	900
Spreaders		
SPREADERS (SET OF 3) 3P	32492	1450
Spreaders (Set of 4) 4P	32493	1850
Phase Barriers (Set of 6)		
	LV432570	720
Rotary Handle		
Direct Rotary handle	LV432597	1700
Extended Rotary handle	LV432598	3310
Shunt Release		
AC 220-240 V 50/60 Hz	LV429387	2210

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	8640
	EZ busbar 250A 6ways	EZB250W06	10930
	EZ busbar 250A 8ways	EZB250W08	13220
	EZ busbar 250A 10ways	EZB250W10	15525
	EZ busbar 250A 12ways	EZB250W12	17815
400 A	EZ busbar 400A 4ways	EZB400W04	10930
	EZ busbar 400A 6ways	EZB400W06	13220
	EZ busbar 400A 8ways	EZB400W08	15525
	EZ busbar 400A 10ways	EZB400W10	17815
	EZ busbar 400A 12ways	EZB400W12	20105
630 A	EZ busbar 630A 4ways	EZB630W04	13220
	EZ busbar 630A 6ways	EZB630W06	15525
	EZ busbar 630A 8ways	EZB630W08	17815
	EZ busbar 630A 10ways	EZB630W10	20105
	EZ busbar 630A 12ways	EZB630W12	22405

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016

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	1670
	20	NKS100R020AC3P	1670
	25	NKS100R025AC3P	1670
	32	NKS100R032AC3P	1670
	40	NKS100R040AC3P	1670
	50	NKS100R050AC3P	1670
	63	NKS100R063AC3P	1670
	75	NKS100R075AC3P	1670
	100	NKS100R100AC3P	1670
	110	NKS160R110AC3P	3900
	125	NKS160R125AC3P	3900
	140	NKS160R140AC3P	4190
	150	NKS160R150AC3P	4190
	160	NKS160R160AC3P	4190
	175	NKS200R175AC3P	5510
	200	NKS200R200AC3P	5510

*Ics=5kA

Description	EasyPact NKS 100	Unit LP [₹]	EasyPact NKS 125A to 200	Unit LP [₹]
Auxiliary contacts (changeover) Multifunction				
Auxiliary Switch 1 C/O	EZAUX10	780	AX1CT1L	740
Alarm Switch 1 C/O	EZAUX01	780	AL1CT1NR	825
Alarm - Auxiliary Switch	EZAUX11	1160		
Spreaders				
Spreaders *(Set Of 3) 3P	EZASPDR3P	320	NKSP13	285
Phase Barriers				
	EZAFASB2	190	-	-
Rotary Handle				
Direct Rotary handle	EZAROTDS	1100	-	-
Extended Rotary handle	EZAROTE	1670	NDHOMT1	1150
Shunt Release				
AC				
100-130 V	EZASHT100AC	1670	-	-
200-277 V	EZASHT200AC	1670	SHT240ACT1L	670
380-480 V	EZASHT380AC	1670	-	-
440 V	-	-	-	-
DC				
24 V	EZASHT024DC	1670	-	-
48 V	EZASHT024DC	1670	-	-
110 V	EZASHT048DC	1670	-	-
220 V	-	-	-	-
AC				
UVR 200-240VAC	On Request		-	-
220 V	-	-	UVT220/240ACT1	1240

Note:

- Contact customer care for other accessories

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016

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	1410
	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	4230	NKS100R010DC3P	4790
	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	NKS160R110DC3P	7910	8670
	125A	NKS160R125DC2P	NKS160R125DC3P		
	140A	NKS160R140DC2P	NKS160R140DC3P		
	150A	NKS160R150DC2P	NKS160R150DC3P		
	160A	NKS160R160DC2P	NKS160R160DC3P	8160	9380
	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 <input checked="" type="checkbox"/>	1240

Description	Reference	Unit LP [₹]
Auxiliary contacts (changeover)		
Auxiliary Switch 1 C/O	AX1CT1L	740
Alarm Switch 1 C/O	AL1CT1NR	825
rotary handles		
Standard extended rotary handle	NDHOMT1	1150
Spreaders		
Spreaders (Set of 3) 3P	NKSP13 <input checked="" type="checkbox"/>	285

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

NORMAL STOCK ITEMS

WE.F. December 29, 2016

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 LP [₹]	3 Ph + 4W Reference	Unit LP [₹]
CVS/NSX100	32, 40, 50, 63, 80, 100	GFP11CT13P <input checked="" type="checkbox"/>	5200	GFP11CT14P <input checked="" type="checkbox"/>	5690
CVS/NSX 160 / 250	125, 160, 200, 250	GFP12CT23P <input checked="" type="checkbox"/>	5910	GFP12CT24P <input checked="" type="checkbox"/>	6670
CVS/NSX 400 / 630	400, 630	GFP13CT33P <input checked="" type="checkbox"/>	8920	GFP13CT34P <input checked="" type="checkbox"/>	9740
CVS 800	800	GFP14CT43P	11010	GFP14CT44P	12320

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.

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

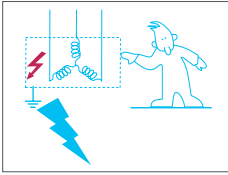
NORMAL STOCK ITEMS

W.E.F. December 29, 2016

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 ⁽¹⁾ Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
CVS/NSX - 100/160	ME	LV429212	12385	LV429213	13375
CVS/NSX - 100/160	MH	LV429210 <input checked="" type="checkbox"/>	15910	LV429211	17585
CVS/NSX - 250	MH	LV431535	18590	LV431536	19000
CVS/NSX - 400/630	MB	LV432455	46040	LV432456	47950

ME Type	MH Type	MB Type
<ul style="list-style-type: none"> • Sensitivity - 300mA (fixed) • Instantaneous time delay • Fixed < 40ms 	<ul style="list-style-type: none"> • Sensitivity - adjustable • 30mA - 300mA-1A-3A-10A • Instantaneous time delay(ms) • 0 - 60 ⁽²⁾ - 150 ⁽²⁾ - 310 ⁽²⁾ 	<ul style="list-style-type: none"> • 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 LP [₹]	Four Pole Reference	Unit LP [₹]
CVS/NSX 100- 250A				
220 to 440V AC	LV429459	14875	LV429460	15990
Connection for a 4P insulation monitoring module on a 3P breaker	-	-	LV429214	6135
CVS/NSX 400- 630A				
220 to 440V AC	LV432659	23560	LV432660	26300
Connection for a 4P insulation monitoring module on a 3P breaker	-	-	LV432457	17330

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016

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	9785	56230	10745
Sensitivity=0.03A	380/415VAC	56140		56240	
RH99 with local manual fault reset	220/240VAC	56173	14790	56273	16010
Sensitivity = 0.03- 30A & time delay= 0-4.5s	380/415VAC	56174	16310	56274	16815
RH197P with local manual or automatic fault reset	220/240VAC	-	-	56507*	18105
Sensitivity = 0.03- 30A & time delay= 0-4.5s	380/415VAC	-	-	56508*	
RH197P with local manual or automatic fault reset	220/240VAC	-	-	56512**	19200
Sensitivity = 0.03- 30A & time delay= 0-4.5s	380/415VAC	-	-	56513**	

* 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	6230
PA50	85	50	50438	8700
IA80	160	80	50439	10350
MA120	250	120	50440	12460
SA200	400	200	50441	19360
GA300	630	300	50442	43210

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016



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	4100
	63 A AC-23A	28902	5090
	100 A AC-23A	28908	5990
	125 A AC-23A	28910	6350
	160 A AC-23A	28912	7270
	200 A AC-23A	31102	12310
	250 A AC-23A	31106	12990
	320 A AC-23A	31108	21170
	400 A AC-23A	31110	23850
	630 A AC-23A	31114	24530
4-Pole	40 A AC-23A	28901	4570
	63 A AC-23A	28903	5410
	100 A AC-23A	28909	6350
	125 A AC-23A	28911	7090
	160 A AC-23A	28913	7820
	200 A AC-23A	31103	13730
	250 A AC-23A	31107	14430
	320 A AC-23A	31109	24510
	400 A AC-23A	31111	25310
	630 A AC-23A	31115	28360

Interpact Changeover Systems (complete assembly)

3-Pole	100 A AC-23A	31140	36595
	160 A AC-23A	31144	39840
	200 A AC-23A	31142	43820
	250 A AC-23A	31146	45040
	320 A AC-23A	31148	74480
	400 A AC-23A	31150	79520
	630 A AC-23A	31154	80895
4-Pole	100 A AC-23A	31141	41745
	160 A AC-23A	31145	45660
	200 A AC-23A	31143	51700
	250 A AC-23A	31147	53500
	320 A AC-23A	31149	81245
	400 A AC-23A	31151	83875
	630 A AC-23A	31155	96020

Description	Reference	Unit LP [₹]
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Accessories

Optional front extended rotary handle INS 250 - black handle (Switch Disconnector)	LV431050	3625
Optional front extended rotary handle INS 320..630 - black handle (Switch Disconnector)	31052	5135
Optional front extended rotary handle INS 40..160 - black handle (Switch Disconnector)	LV428941	1840
6 phase separators - INS100..160	28959	800
6 phase separators - INS250	29329	720
6 phase separators - INS400..630	LV432570	720

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016



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 disconnecter 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

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

✓ NORMAL STOCK ITEMS

W.E.F. December 29, 2016

- 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 <input checked="" type="checkbox"/>	2300	NX032TPNBS <input checked="" type="checkbox"/>	2270
63 A	3P + N	NX063TPNDI <input checked="" type="checkbox"/>	3030	NX063TPNBS <input checked="" type="checkbox"/>	3000
80 A	3P + N	NX080TPNDI	5730	NX080TPNBS	5460
100 A	3P	NX100TPXDI	6330		
	3P + N	NX100TPNDI <input checked="" type="checkbox"/>	6580	NX100TPNBS	6520
	4P	NX100FPXDI	6830		
125 A	3P	NX125TPXDI <input checked="" type="checkbox"/>	7380		
	3P + N	NX125TPNDI <input checked="" type="checkbox"/>	8060	NX125TPNBS <input checked="" type="checkbox"/>	7980
160 A	4P	NX125FPXDI	9070		
	3P	NX160TPXDI	8140		
	3P + N	NX160TPNDI <input checked="" type="checkbox"/>	8790	NX160TPNBS <input checked="" type="checkbox"/>	8280
200 A	4P	NX160FPXDI	10130		
	3P	NX200TPXDI	10770		
	3P + N	NX200TPNDI <input checked="" type="checkbox"/>	11290	NX200TPNBS	9930
250 A	4P	NX200FPXDI	12630		
	3P	NX250TPXDI	13200		
	3P + N	NX250TPNDI <input checked="" type="checkbox"/>	13590	NX250TPNBS <input checked="" type="checkbox"/>	13050
315 A	4P	NX250FPXDI	15990		
	3P	NX315TPXDI	16590		
	3P + N	NX315TPNDI <input checked="" type="checkbox"/>	16830	NX315TPNBS	16560
400 A	4P	NX315FPXDI	18660		
	3P	NX400TPXDI	22170		
	3P + N	NX400TPNDI <input checked="" type="checkbox"/>	23000	NX400TPNBS	21740
630 A	4P	NX400FPXDI	27720		
	3P	NX630TPXDI	32730		
	3P + N	NX630TPNDI <input checked="" type="checkbox"/>	33460	NX630TPNBS	33130
	4P	NX630FPXDI	37330		

Accessories/Spares

Description	Reference	Unit LP [₹]
NX032/NX063/NX080		
Auxiliary contact for Fupact	NXAA11 <input checked="" type="checkbox"/>	460
Fuse holder for DIN NX032...NX080	NXHD1	210
Handle operating mechanism (HOM) NX032...NX080	NXR1	405
HOM shaft for NX/32/63/80	NXRS1	210
NX100/NX125/NX160		
Auxiliary contact for Fupact	NXBA11 <input checked="" type="checkbox"/>	540
Fuse holder DIN for BS type NX100...NX160	NXHB21	190
Fuse holder DIN for NX100...NX160	NXHD21	210
Handle operating mechanism NX100...NX160	NXR2 <input checked="" type="checkbox"/>	780
Shaft for HOM for NX100...NX160	NXRS2	210
NX200		
Auxiliary contact for Fupact	NXBA11 <input checked="" type="checkbox"/>	540
Fuse holder for BS type NX200	NXHB22	200
Fuse holder for DIN NX200	NXHD22	240
Handle operating mechanism NX200	NXR2 <input checked="" type="checkbox"/>	780
Shaft for HOM for NX200	NXRS2A	270
NX250/315/400		
Auxiliary contact for Fupact	NXBA11 <input checked="" type="checkbox"/>	540
Handle operating mechanism for NX250...NX400	NXR3	820
Shaft for HOM for NX250...NX400	NXRS3	270
NX630		
Auxiliary contact for Fupact	NXBA11 <input checked="" type="checkbox"/>	540
Handle operating mechanism for NX630	NXR4	875
Shaft for HOM for NX630	NXRS4	270

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

NORMAL STOCK ITEMS

WE.F. December 29, 2016

Fupact - Type 2 Co-ordination Table With Fuse

EasyPact TVS DOL (Type 2 Co-ordination with Fuse)

- Standard: IEC 60947-4-1
- Fuses: Cooper Bussmann
- Iq (A): 50KA
- Ue: 415Vac / 50Hz
- Contactor Coil: Type M5 (220 Vac/ 50 Hz)

Motor Output		FLC		SDF (NX Range)		Contactor		Thermal Overload Relay	
KW	HP	I(A)	Type	Fuse Type	Fuse Rating (A)	Type	AC3 (A)	Type	Range (A)
0.37	0.5	1	NX32	6NHG000B	6	LC1E09	9	LRE06	1.0 - 1.6
0.55	0.75	1.5	NX32	6NHG000B	6	LC1E09	9	LRE06	1.0 - 1.6
0.75	1	2	NX32	6NHG000B	6	LC1E09	9	LRE07	1.6 - 2.5
1.5	2	3.5	NX32	16NHG000B	16	LC1E09	9	LRE08	2.5 - 4.0
2.2	3	5	NX32	16NHG000B	16	LC1E09	9	LRE10	4.0 - 6.0
3	4	6.8	NX32	20NHG000B	20	LC1E09	9	LRE12	5.5 - 8.0
4	5.5	8.4	NX32	20NHG000B	20	LC1E09	9	LRE14	7.0 - 10
5.5	7.5	11.2	NX32	25NHG000B	25	LC1E12	12	LRE16	9.0 - 13
7.5	10	14	NX63	40NHG000B	40	LC1E18	25	LRE21	12.0 - 18
9	12	18	NX63	50NHG000B	50	LC1E25	25	LRE22	16 - 24
11	15	21	NX63	50NHG000B	50	LC1E32	32	LRE22	16 - 24
15	20	28.5	NX63	63NHG000B	63	LC1E32	40	LRE32	23 - 32
18.5	25	34	NX80	80NHG000B	80	LC1E40	40	LRE355	30 - 40
22	30	42	NX80	80NHG000B	80	LC1E50	50	LRE357	37 - 50
30	40	57	NX100	100NHG000B	100	LC1E65	65	LRE359	48- 65
37	50	70	NX125	125NHG000B	125	LC1E80	80	LRE363	63- 80
45	60	81	NX160	160NHG000B	160	LC1E95	95	LRE365	80- 104
56	75	100	NX160	160NHG000B	160	LC1E120	115	LRE482	84- 135
80	107	138	NX250	250NHG1B	250	LC1E160	150	LRE483	124- 198
90	120	165	NX250	250NHG1B	250	LC1E160	160	LRE483	124- 198
100	135	182	NX315	315NHG2B	315	LC1E200	200	LRE483	124- 198
110	150	196	NX315	315NHG2B	315	LC1E200	200	LRE483	124- 198
132	177	240	NX400	355NHG2B	355	LC1E250	250	LRE485	174- 279
160	215	285	NX400	400NHG2B	400	LC1E300	300	LRE486	208- 333

EasyPact TVS Star Delta (Type 2 Co-ordination with Fuse)

- Standard: IEC 60947-4-1
- Fuses: Cooper Bussmann
- Iq (A): 50KA
- Ue: 415Vac / 50Hz
- Contactor Coil: Type M5 (220 Vac/ 50 Hz)

Motor Output		FLC		SDF (NX Range)		Contactor		Thermal Overload Relay				
KW	HP	I Line (A)	I phase (A)	Type	Fuse Type	Fuse Rating (A)	Star Contactor	AC3- A	Main / Delta Contactor	AC3- A	Type	Range (A)
1.5	2	4	2.3	NX32	10NHC00G	10	LC1E09	9	LC1E09	9	LRE07	1.6-2.5
2.2	3	5	3	NX32	16NHC00G	16	LC1E09	9	LC1E09	9	LRE08	2.5-4
3	4	7	4	NX32	16NHC00G	16	LC1E09	9	LC1E09	9	LRE08	2.5-4
4	5.3	9	5	NX32	20NHC00G	20	LC1E09	9	LC1E09	9	LRE10	4-6
5.5	7.5	10	6	NX32	20NHC00G	20	LC1E09	9	LC1E09	9	LRE12	5.5-8
7.5	10	16	9	NX32	32NHC00G	32	LC1E09	9	LC1E09	9	LRE14	7-10
9	12	17	10	NX32	32NHC00G	32	LC1E09	9	LC1E12	9	LRE14	7-10
11	15	21	12	NX63	50NHC00G	50	LC1E12	12	LC1E12	12	LRE16	9-13
15	20	28	16	NX63	63NHC00G	63	LC1E18	18	LC1E18	18	LRE21	12-18
22	30	42	24	NX80	80NHC00G	80	LC1E25	25	LC1E25	25	LRE32	23-32
30	40	57	33	NX125	100NHG00B	100	LC1E40	40	LC1E40	40	LRE355	30-40
45	60	81	47	NX125	125NHG00B	125	LC1E40	40	LC1E50	50	LRE357	37-50
55	75	100	58	NX125	125NHG00B	125	LC1E40	40	LC1E65	65	LRE359	48-65
80	107	139	80	NX200	200NHG1B	200	LC1E80	80	LC1E80	80	LRE363	63-80
110	150	196	113	NX315	315NHG2B	315	LC1E300	300	LC1E300	300	LRE482	84~135
160	215	286	165	NX400	355NHG2B	355	LC1E300	300	LC1E300	300	LRE483	124~198

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

Masterpact NT and NW

The Benchmark For Power Circuit Breakers Around The World



Ethernet ready Masterpact 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
- Masterpact is suitable for heavy duty applications



Building Energy Industry Datacenter
& Infrastructure

- Masterpact 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 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

E: Energy

- $I_1, I_2, I_3, I_N, I_{\text{earth-fault}}, I_{\text{earth-leakage}}$ 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'
Measurement	Current , maximeter	●	●	●
	Voltage, PF, Power, demand, energy	●	●	●
	Cos- , 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



For prices please contact customer care

ATS Kit

Suitable for Masterpact NT/ NW ACB

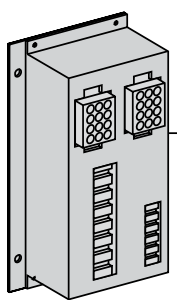
This Kit comprises of :

- > 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	126500
ATS Kit for Masterpact NT EDO type with UA 415VAC controller	INA_NTDOU4	145115
ATS Kit for Masterpact NW EDO type with BA 415VAC controller	INA_NWDOB4 <input checked="" type="checkbox"/>	137050
ATS Kit for Masterpact NW EDO type with UA 415VAC controller	INA_NWDOU4 <input checked="" type="checkbox"/>	174138

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

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	●	●	●
	Last 10 Trip History			●
Protection	2 (L, I)	2L	2A	2V
	6 (L,S,I,G)	6G	6A	6V



Additional information provided by ETV range of trip units

- Demand Current
- Demand current maximeters
- Phase to phase voltages
- Phase to neutral voltages
- Average voltage
- Voltage unbalance
- Trip History

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	180780	MVS08N3NW6L	227780	MVS08N4MW6L	226900	MVS08N4NW6L	273900
1000	MVS10N3MW6L	189900	MVS10N3NW6L	236900	MVS10N4MW6L	237720	MVS10N4NW6L	284720
1250	MVS12N3MW6L	211460	MVS12N3NW6L	258460	MVS12N4MW6L	263290	MVS12N4NW6L	310290
1600	MVS16N3MW6L	240330	MVS16N3NW6L	287330	MVS16N4MW6L	293250	MVS16N4NW6L	340250
2000	MVS20N3MW6L	287600	MVS20N3NW6L	334600	MVS20N4MW6L	353200	MVS20N4NW6L	400200
2500	MVS25N3MW6L	355570	MVS25N3NW6L	402570	MVS25N4MW6L	432060	MVS25N4NW6L	479060
3200	MVS32N3MW6L	443770	MVS32N3NW6L	490770	MVS32N4MW6L	544130	MVS32N4NW6L	591130
4000	MVS40N3MW6L	542760	MVS40N3NW6L	589760	MVS40N4MW6L	675420	MVS40N4NW6L	722420

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	₹21000	Example : ACB reference with ET6G trip unit - MVS08N3MW6L. For switch disconnector reference replace 6L by 0D i.e MVS08N3MW 0D
ACB with ET6A trip unit (LCD display with Current Metering)	Add	₹10000	Example : ACB reference with ET6G trip unit - MVS08N3MW6L. For ACB reference with ET6A trip unit replace 6L by 6A i.e MVS08N3MW 6A
ACB with ET6V trip unit (LCD display with Current Metering & Voltage Metering and Last 10 Trip History)	Add	₹23000	Example : ACB reference with ET6G trip unit - MVS08N3MW6L. For ACB reference with ET6V trip unit replace 6L by 6V i.e MVS08N3MW 6V

*- 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) (Voltage ratings to be specified by customer & duly 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.

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
- Icu=Ics=Icw(1sec) = 50kA @ 440V 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	172780	MVS08N3NW2L	219780	MVS08N4MW2L	218900	MVS08N4NW2L	265900
1000	MVS10N3MW2L	181900	MVS10N3NW2L	228900	MVS10N4MW2L	229720	MVS10N4NW2L	276720
1250	MVS12N3MW2L	203460	MVS12N3NW2L	250460	MVS12N4MW2L	255290	MVS12N4NW2L	302290
1600	MVS16N3MW2L	232330	MVS16N3NW2L	279330	MVS16N4MW2L	285250	MVS16N4NW2L	332250
2000	MVS20N3MW2L	279600	MVS20N3NW2L	326600	MVS20N4MW2L	345200	MVS20N4NW2L	392200
2500	MVS25N3MW2L	347570	MVS25N3NW2L	394570	MVS25N4MW2L	424060	MVS25N4NW2L	471060
3200	MVS32N3MW2L	435770	MVS32N3NW2L	482770	MVS32N4MW2L	536130	MVS32N4NW2L	583130
4000	MVS40N3MW2L	534760	MVS40N3NW2L	581760	MVS40N4MW2L	667420	MVS40N4NW2L	714420

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	₹5000	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	₹ 15000	Example : ACB reference with ET2L trip unit - MVS08N3MW2L. For ACB reference with ET2V trip unit replace 2L by 2V i.e MVS08N3MW2V

* 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). (Voltage ratings to be specified by customer & duly 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.

- 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
- Icu=Ics=Icw(1sec) =50kA @ 440V 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	134790	MVS08N3NF6L	181790	MVS08N4MF6L	171390	MVS08N4NF6L	218390
1000	MVS10N3MF6L	147550	MVS10N3NF6L	194550	MVS10N4MF6L	186130	MVS10N4NF6L	233130
1250	MVS12N3MF6L	169600	MVS12N3NF6L	216600	MVS12N4MF6L	211890	MVS12N4NF6L	258890
1600	MVS16N3MF6L	188260	MVS16N3NF6L	235260	MVS16N4MF6L	243350	MVS16N4NF6L	290350
2000	MVS20N3MF6L	216550	MVS20N3NF6L	263550	MVS20N4MF6L	283000	MVS20N4NF6L	330000
2500	MVS25N3MF6L	264000	MVS25N3NF6L	311000	MVS25N4MF6L	333540	MVS25N4NF6L	380540
3200	MVS32N3MF6L	377900	MVS32N3NF6L	424900	MVS32N4MF6L	466270	MVS32N4NF6L	513270
4000	MVS40N3MF6L	465380	MVS40N3NF6L	512380	MVS40N4MF6L	583440	MVS40N4NF6L	630440

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	₹21000	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	₹10000	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	₹23000	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.

- 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
- Icu=Ics=Icw(1sec) =50kA @ 440V 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	126790	MVS08N3NF2L	173790	MVS08N4MF2L	163390	MVS08N4NF2L	210390
1000	MVS10N3MF2L	139550	MVS10N3NF2L	186550	MVS10N4MF2L	178130	MVS10N4NF2L	225130
1250	MVS12N3MF2L	161600	MVS12N3NF2L	208600	MVS12N4MF2L	203890	MVS12N4NF2L	250890
1600	MVS16N3MF2L	180260	MVS16N3NF2L	227260	MVS16N4MF2L	235350	MVS16N4NF2L	282350
2000	MVS20N3MF2L	208550	MVS20N3NF2L	255550	MVS20N4MF2L	275000	MVS20N4NF2L	322000
2500	MVS25N3MF2L	256000	MVS25N3NF2L	303000	MVS25N4MF2L	325540	MVS25N4NF2L	372540
3200	MVS32N3MF2L	369900	MVS32N3NF2L	416900	MVS32N4MF2L	458270	MVS32N4NF2L	505270
4000	MVS40N3MF2L	457380	MVS40N3NF2L	504380	MVS40N4MF2L	575440	MVS40N4NF2L	622440

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 ₹5000	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 ₹15000	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.

Description	Rated Operational Voltage	Reference	Unit LP [₹]
Gear Motor (MCH)			
AC 50/60 Hz	100/130 V	47893	37500
	200/240 V	47894 <input checked="" type="checkbox"/>	
	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	24/30 V DC	33659	5300
	48/60 V DC	33660	
DC	100/130 V AC/DC	MVS15511 <input checked="" type="checkbox"/>	
	200/250 V AC/DC	MVS15512 <input checked="" type="checkbox"/>	
	380/480 V AC	MVS15513	
Opening Release (MX)			
AC 50/60 Hz	24/30 V DC, 24 V AC	33659	5300
	48/60 V DC, 48 V AC	33660	
DC	100/130 V AC/DC	33661 <input checked="" type="checkbox"/>	
	200/250 V AC/DC	33662 <input checked="" type="checkbox"/>	
	380/480 V AC	33664 <input checked="" type="checkbox"/>	
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	5500
	48/60 V DC, 48 V AC	33669	
	100/130 V AC/DC	33670 <input checked="" type="checkbox"/>	
	200/250 V AC/DC	33671 <input checked="" type="checkbox"/>	
	380/480 V AC	33673 <input checked="" type="checkbox"/>	
MN Delay Unit			
AC 50/60 Hz DC	48/60 V AC/DC	33680	7900
	100/130 V AC/DC	33681	
	200/250 V AC/DC	33682	
	380/480 V AC/DC	33683	
	100/130 V AC/DC	33684	7400
	200/250 V AC/DC	33685 <input checked="" type="checkbox"/>	
	ON/OFF Indication Contacts (Additional OF contact)		
1 additional block of 4 contacts		47887	4800
Door Interlock (VPECD)/1 part			
On right hand side of chassis		47914 <input checked="" type="checkbox"/>	2600
Operation Counter			
Operation Counter CDM		48535	7450

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016

EasyPact SPS

Standard Protection System for your electrical distribution network



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



- 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	138120	SPS08F3PEW6L	178120	SPS08F4PMW6L	173210	SPS08F4PEW6L	213210
1000	SPS10F3PMW6L	144720	SPS10F3PEW6L	184720	SPS10F4PMW6L	183220	SPS10F4PEW6L	223220
1250	SPS12F3PMW6L	161860	SPS12F3PEW6L	201860	SPS12F4PMW6L	206450	SPS12F4PEW6L	246450
1600	SPS16F3PMW6L	182610	SPS16F3PEW6L	222610	SPS16F4PMW6L	233700	SPS16F4PEW6L	273700

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	136120	SPS08F3PEW2B	176120	SPS08F4PMW2B	171210	SPS08F4PEW2B	211210
1000	SPS10F3PMW2B	142720	SPS10F3PEW2B	182720	SPS10F4PMW2B	181220	SPS10F4PEW2B	221220
1250	SPS12F3PMW2B	159860	SPS12F3PEW2B	199860	SPS12F4PMW2B	204450	SPS12F4PEW2B	244450
1600	SPS16F3PMW2B	180610	SPS16F3PEW2B	220610	SPS16F4PMW2B	231700	SPS16F4PEW2B	271700

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	122720	SPS08F3PEW0D	162720	SPS08F4PMW0D	157810	SPS08F4PEW0D	197810
1000	SPS10F3PMW0D	129320	SPS10F3PEW0D	169320	SPS10F4PMW0D	167820	SPS10F4PEW0D	207820
1250	SPS12F3PMW0D	146460	SPS12F3PEW0D	186460	SPS12F4PMW0D	191050	SPS12F4PEW0D	231050
1600	SPS16F3PMW0D	167210	SPS16F3PEW0D	207210	SPS16F4PMW0D	218300	SPS16F4PEW0D	258300

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

NORMAL STOCK ITEMS

W.E.F. December 29, 2016



- 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	Ref.	Unit LP [₹]	3P Fixed Electrical Reference	Unit LP [₹]	4P Fixed Manual Reference	Unit LP [₹]	4P Fixed Electrical Reference	Unit LP [₹]
800	SPS08F3PMF6L		106100	SPS08F3PEF6L	146100	SPS08F4PMF6L	128990	SPS08F4PEF6L	168990
1000	SPS10F3PMF6L		111710	SPS10F3PEF6L	151710	SPS10F4PMF6L	138500	SPS10F4PEF6L	178500
1250	SPS12F3PMF6L		128790	SPS12F3PEF6L	168790	SPS12F4PMF6L	160680	SPS12F4PEF6L	200680
1600	SPS16F3PMF6L		149130	SPS16F3PEF6L	189130	SPS16F4PMF6L	183680	SPS16F4PEF6L	223680

Fixed Type circuit breaker with Microprocessor based ET2B Trip Unit

Rating In (A)	3P Fixed Manual Reference	Ref.	Unit LP [₹]	3P Fixed Electrical Reference	Unit LP [₹]	4P Fixed Manual Reference	Unit LP [₹]	4P Fixed Electrical Reference	Unit LP [₹]
800	SPS08F3PMF2B		104100	SPS08F3PEF2B	144100	SPS08F4PMF2B	126990	SPS08F4PEF2B	166990
1000	SPS10F3PMF2B		109710	SPS10F3PEF2B	149710	SPS10F4PMF2B	136500	SPS10F4PEF2B	176500
1250	SPS12F3PMF2B		126790	SPS12F3PEF2B	166790	SPS12F4PMF2B	158680	SPS12F4PEF2B	198680
1600	SPS16F3PMF2B		147130	SPS16F3PEF2B	187130	SPS16F4PMF2B	181680	SPS16F4PEF2B	221680

Fixed Type switch disconnector without protection

Rating In (A)	3P Fixed Manual Reference	Ref.	Unit LP [₹]	3P Fixed Electrical Reference	Unit LP [₹]	4P Fixed Manual Reference	Unit LP [₹]	4P Fixed Electrical Reference	Unit LP [₹]
800	SPS08F3PMF0D		90700	SPS08F3PEF0D	130700	SPS08F4PMF0D	113590	SPS08F4PEF0D	153590
1000	SPS10F3PMF0D		96310	SPS10F3PEF0D	136310	SPS10F4PMF0D	123100	SPS10F4PEF0D	163100
1250	SPS12F3PMF0D		113390	SPS12F3PEF0D	153390	SPS12F4PMF0D	145280	SPS12F4PEF0D	185280
1600	SPS16F3PMF0D		133730	SPS16F3PEF0D	173730	SPS16F4PMF0D	168280	SPS16F4PEF0D	208280

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

Description	Rated operational voltage	Reference	Unit LP [₹]
Gear Motor (MCH)			
AC 50/60 Hz	100/130 V	33176	37500
	200/240 V	33177	
	277/415 V	33179	
DC	24/30 V	33185	
	48/60 V	33186	
	100/125 V	33187	
	200/250 V	33188	
Terminal Block			
For Fixed circuit breaker		47074	200
For Drawout circuit breaker		33098	215
ON/OFF Indication contacts (OF) 1Part			
Changeover contact 6A	240V	47076	1100
Ready to close contact			
Changeover contact 5A	240V	47080	2600
Door interlock (VPECD)/1 part			
Right side of chassis		33172	2300

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

☑ NORMAL STOCK ITEMS

W.E.F. December 29, 2016

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Unequalled benefits



For you

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.

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- > 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.

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