

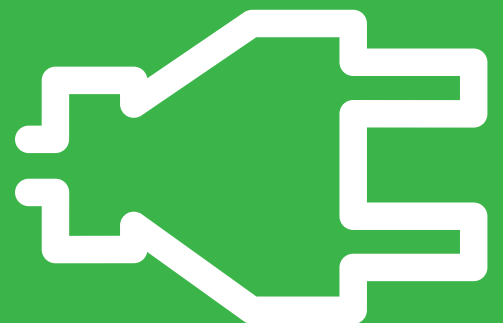
Life Is On

**Schneider**  
Electric

 Price List

# Low Voltage Distribution Products

With effect from June 1<sup>st</sup>, 2021



[se.com/in](https://se.com/in)



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# EcoStruxure™ Facility Expert

Designed to keep you in touch with your equipment

**Say goodbye** to paperwork, outdated files, conflicting information, missing documents, and unplanned maintenance.

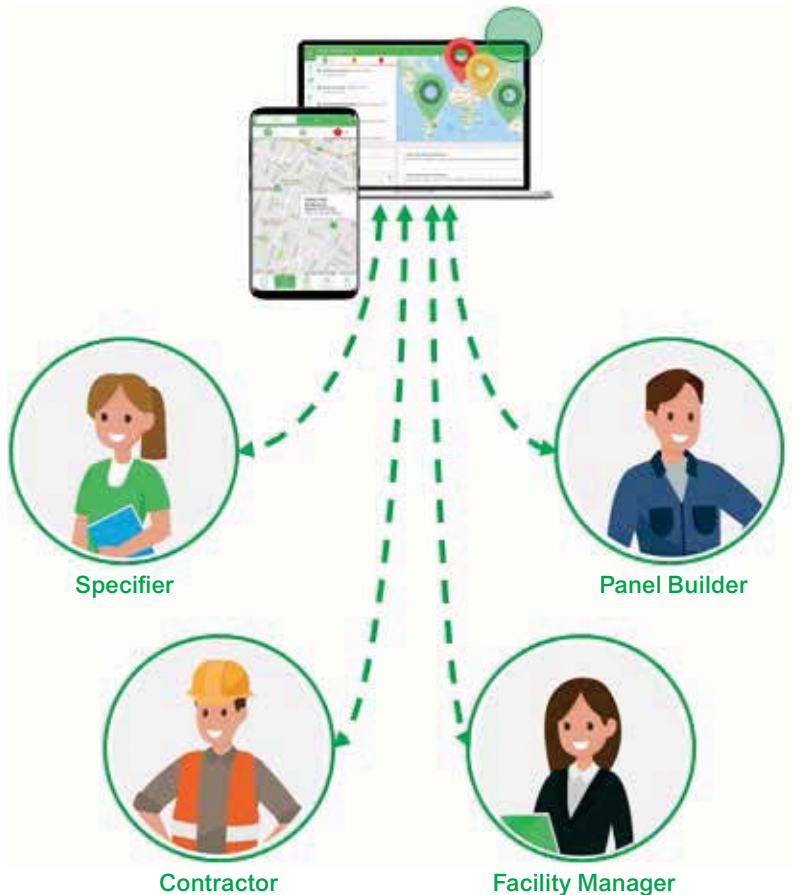
**Say hello** to extended insights, easier maintenance, greater productivity and information at your fingertips.

Because now, your electrical system becomes your partner with a simple QR code.



## Collaborate and get things done!

- **Toss the papers!** Group user manuals, single-line drawings, photos, factory and site acceptance test reports, spare parts lists and more behind a simple QR code.
- **Get crucial data organized!** Free collaborative digital tool enables you to share information with your partners and team members.



## Simplify and manage maintenance activities

- **Ease the set up of preventive maintenance plans** with auto-generated maintenance templates.
- **Streamline maintenance and operation** by assigning tasks and centralizing maintenance schedules, logs and reports.
- Leverage your digital community to **solve issues quickly**.
- **Keep your installation healthy** and maximize its life.

### Scan and Download

For free access to EcoStruxure™ Facility Expert



### Scan to know more

About how EcoStruxure™ Facility Expert can help you manage your equipment better





# Green Premium™

Endorsing eco-friendly products in the industry



## Green Premium™ Product

Green Premium is the only label that allows you to effectively develop and promote an environmental policy whilst preserving your business efficiency. This ecolabel guarantees compliance with up-to-date environmental regulations, but it does more than this.

Over 75% of Schneider Electric manufactured products have been awarded the Green Premium ecolabel



Discover what we mean by green ...

**Check your products!**

Schneider Electric's Green Premium ecolabel is committed to offering transparency, by disclosing extensive and reliable information related to the environmental impact of its products:

### RoHS

Schneider Electric products are subject to RoHS requirements at a worldwide level, even for the many products that are not required to comply with the terms of the regulation. Compliance certificates are available for products that fulfil the criteria of this European initiative, which aims to eliminate hazardous substances.

### REACH

Schneider Electric applies the strict REACH regulation on its products at a worldwide level, and discloses extensive information concerning the presence of SVHC (Substances of Very High Concern) in all of these products.

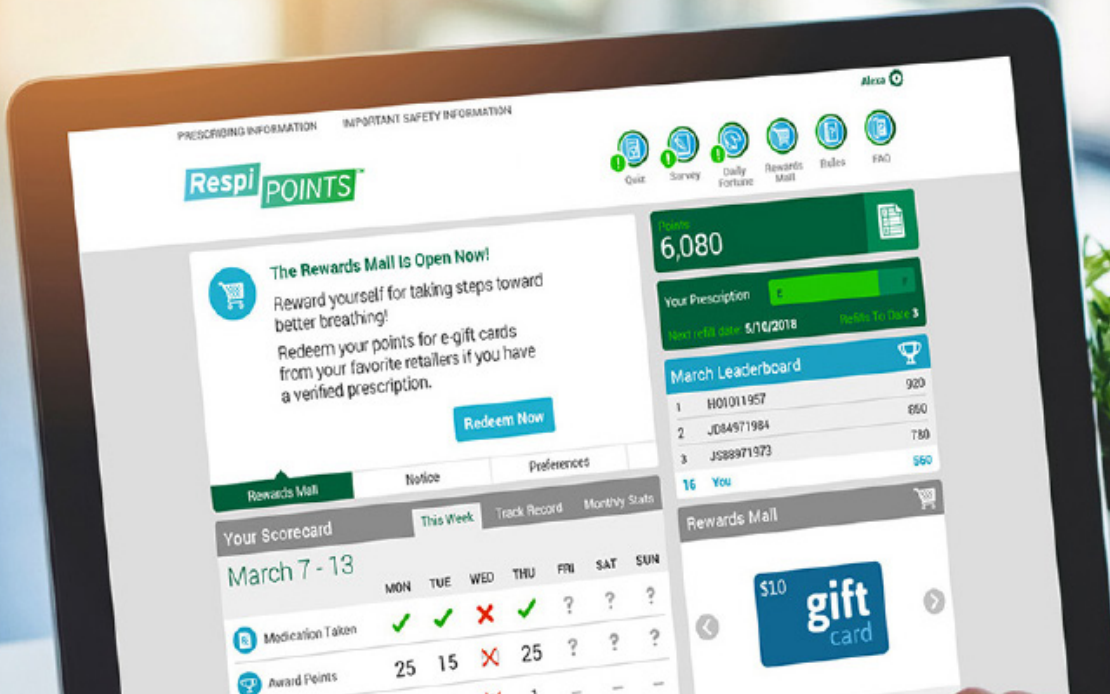
### PEP: Product Environmental Profile

Schneider Electric publishes complete set of environmental data, including carbon footprint and energy consumption data for each of the lifecycle phases on all of its products, in compliance with the ISO 14025 PEP ecopassport program. PEP is especially useful for monitoring, controlling, saving energy, and/or reducing carbon emissions.

### EoLI: End of Life Instructions

Available at the click of a button, these instructions provide:

- Recyclability rates for Schneider Electric products.
- Guidance to mitigate personnel hazards during the dismantling of products and before recycling operations.
- Parts identification for recycling or for selective treatment, to mitigate environmental hazards/ incompatibility with standard recycling processes.



# Product Selector

-Select Schneider products through digital tool

Product selector is an online software tool embedded in Schneider website or in distributor's website to help selecting the right product with its accessories. Product Selector aims at providing a fast, secure and smart way of selecting products. It includes the selection of the basic frame, control unit, accessories and Digital Modules. Compared with the traditional way of filling up order forms or specifying customer functions, it brings the following benefits:

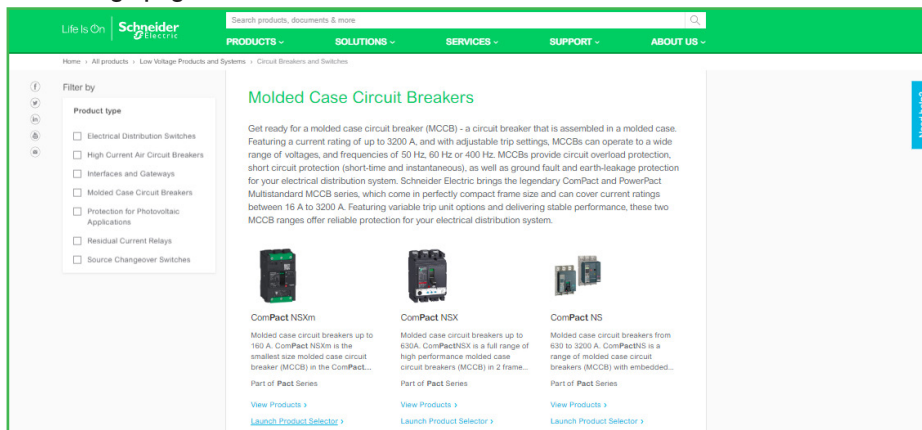
**Easy access:** no login, direct access on Schneider's website or on the website of distributor

**Reliable:** The compatibility between the main product and the accessories is constantly tested

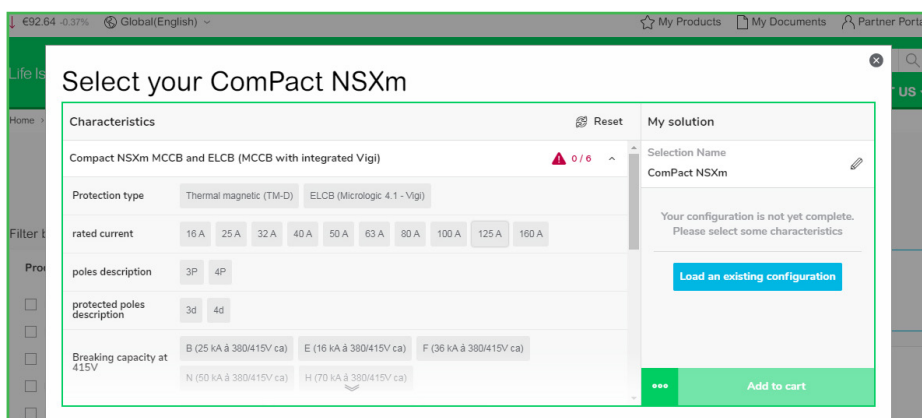
**Wide coverage:** more than 130 Schneider ranges are available (MasterPact, ComPact, TeSys, Acti 9, Altivar..)

## Choose Products in simple steps:

1. Go to range page on se.com



2. Click on Launch Product Selector





# Future of Power Distribution



## MasterPact™ MTZ Circuit Breaker

**FUTURE READY**



### ...CONNECTIVITY READY

Stay connected and avoid downtime - The MasterPact MTZ app and EcoStruxure software conveniently bring energy data, circuit breaker control, and more directly to your smartphone.



### ...SUSTAINABILITY READY

Contribute to a better world - with Green Premium MasterPact MTZ circuit breakers you can enhance sustainability.



### ...PRECISION READY

Access new energy-saving capabilities - Acertified Class 1 power meter gives you precise power measurements for greater efficiency.



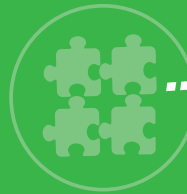
### ...ENVIRONMENT READY

Keep your electrical system online even in harsh environments - MasterPact MTZ circuit breakers give you proven reliability by going beyond standards.



### ...UPGRADE READY

Customize Micrologic X control unit anytime - Digital modules make it easy to upgrade and tailor your system.



### ...INTEGRATION READY

Simplify your switchboard operation - MasterPact MTZ circuit breakers are adaptable to different systems because of their digital capabilities.



### ...INSTALLATION READY

Streamline configuration and commissioning with EcoStruxure Power Commission tool.

Learn more about the future of power distribution, Click or Scan





The easy choice for quality and value

# EasyPact CVS

LV circuit breakers from 16A to 800A



Safe



Reliable



Simple

# EasyPact CVS

## Easy Choice for Quality and Value



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

### Range Details:

- Breaking capacity 25kA to 50kA,  $I_{cs} = 100\% I_{cu}$
- TMD, MA, Microprocessor trip units (LS<sub>0</sub>I protection 400 & 630A)
- Microprocessor trip units (LSIG protection 25A to 630A)
- 3P & 4P versions available
- Common accessories upto 630A

## 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 [₹]
<b>EasyPact CVS 100 BS Overload Setting (I<sub>r</sub>) 0.8 - 1 x I<sub>n</sub></b>					
25kA*	20A	LV510931	6890	LV510951	9320
	25A	LV510932		LV510952	
	32A	LV510933		LV510953	
	40A	LV510934		LV510954	
	50A	LV510935		LV510955	
	63A	LV510936		LV510956	
	80A	LV510937		LV510957	
	100A	LV510938		LV510958	

## Accessories

Description	CVS100BS Reference	Unit MRP [₹]
<b>Auxiliary contacts (changeover) Multifunction</b>		
Auxiliary Switch 1 C/O	EZAUX10 <input checked="" type="checkbox"/>	970
Alarm Switch 1 C/O	EZAUX01	970
Alarm - Auxiliary Switch	EZAUX11 <input checked="" type="checkbox"/>	1440
<b>Spreaders</b>		
Spreaders *(Set Of 3) 3P	EZASPDR3P <input checked="" type="checkbox"/>	390
Spreaders *(Set Of 4) 4P	EZASPDR4P <input checked="" type="checkbox"/>	520
<b>Rotary Handle</b>		
Direct Rotary handle	EZAROTDS <input checked="" type="checkbox"/>	1370
Extended Rotary handle	EZAROTE	2030
<b>Shunt Release</b>		
<b>AC</b>		
100-130 V	EZASHT100AC	2080
200-277 V	EZASHT200AC <input checked="" type="checkbox"/>	
380-480 V	EZASHT380AC	
<b>DC</b>		
24 V	EZASHT024DC	2080
48 V	EZASHT048DC	

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021



• 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 [₹]		
<b>EasyPact CVS 100 to 630A Overload Setting (Ir) 0.7 - 1 x In</b>							
25kA	16A	LV510300 <input checked="" type="checkbox"/>	7340	LV510310	10150		
	25A	LV510301 <input checked="" type="checkbox"/>		LV510311 <input checked="" type="checkbox"/>			
	32A	LV510302 <input checked="" type="checkbox"/>		LV510312 <input checked="" type="checkbox"/>			
	40A	LV510303 <input checked="" type="checkbox"/>		LV510313 <input checked="" type="checkbox"/>			
	50A	LV510304 <input checked="" type="checkbox"/>		LV510314			
	63A	LV510305 <input checked="" type="checkbox"/>		LV510315 <input checked="" type="checkbox"/>			
	80A	LV510306 <input checked="" type="checkbox"/>		LV510316 <input checked="" type="checkbox"/>			
	100A	LV510307 <input checked="" type="checkbox"/>		LV510317 <input checked="" type="checkbox"/>			
	125A	LV516302 <input checked="" type="checkbox"/>		10800		LV516312 <input checked="" type="checkbox"/>	13090
	160A	LV516303 <input checked="" type="checkbox"/>		14090		LV516313 <input checked="" type="checkbox"/>	16730
200A	LV525302 <input checked="" type="checkbox"/>	18660	LV525312	23100			
<b>Breaking Capacity as per IEC 60947-2</b>							
25kA	250A	LV525303 <input checked="" type="checkbox"/>	21730	LV525313	26460		

Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]		
<b>EasyPact CVS 100 to 630A Overload Setting (Ir) 0.7 - 1 x In</b>							
36kA	16A	LV510330 <input checked="" type="checkbox"/>	9950	LV510340	12420		
	25A	LV510331 <input checked="" type="checkbox"/>		LV510341			
	32A	LV510332 <input checked="" type="checkbox"/>		LV510342 <input checked="" type="checkbox"/>			
	40A	LV510333 <input checked="" type="checkbox"/>		LV510343 <input checked="" type="checkbox"/>			
	50A	LV510334 <input checked="" type="checkbox"/>		LV510344			
	63A	LV510335 <input checked="" type="checkbox"/>		LV510345 <input checked="" type="checkbox"/>			
	80A	LV510336 <input checked="" type="checkbox"/>		LV510346			
	100A	LV510337 <input checked="" type="checkbox"/>		LV510347 <input checked="" type="checkbox"/>			
	125A	LV516332 <input checked="" type="checkbox"/>		11100		LV516342	13710
	160A	LV516333 <input checked="" type="checkbox"/>		14700		LV516343	17420
200A	LV525332	21170	LV525342 <input checked="" type="checkbox"/>	26110			
<b>Breaking Capacity as per IEC 60947-2</b>							
36kA	250A	LV525333	23480	LV525343 <input checked="" type="checkbox"/>	28920		
	320A	LV540305	30250	LV540308 <input checked="" type="checkbox"/>	37530		
	400A	LV540306	30420	LV540309 <input checked="" type="checkbox"/>	37860		
	500A	LV563305 <input checked="" type="checkbox"/>	34500	LV563308 <input checked="" type="checkbox"/>	43480		
	630A**	LV563306 <input checked="" type="checkbox"/>	39090	LV563309 <input checked="" type="checkbox"/>	47720		

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"/>	13500	LV510480	16600		
	25A	LV510471		LV510481			
	32A	LV510472 <input checked="" type="checkbox"/>		LV510482 <input checked="" type="checkbox"/>			
	40A	LV510473		LV510483			
	50A	LV510474		LV510484			
	63A	LV510475 <input checked="" type="checkbox"/>		LV510485 <input checked="" type="checkbox"/>			
	80A	LV510476 <input checked="" type="checkbox"/>		LV510486			
	100A	LV510477 <input checked="" type="checkbox"/>		LV510487 <input checked="" type="checkbox"/>			
	125A	LV516462 <input checked="" type="checkbox"/>		17550		LV516467	19210
	160A	LV516463 <input checked="" type="checkbox"/>		19000		LV516468	22620
200A	LV525452	24590	LV525457 <input checked="" type="checkbox"/>	30890			
<b>Breaking Capacity as per IEC 60947-2</b>							
50kA	250A	LV525453	26430	LV525458 <input checked="" type="checkbox"/>	32570		
	320A	LV540315 <input checked="" type="checkbox"/>	32780	LV540318	40330		
	400A	LV540316 <input checked="" type="checkbox"/>	33030	LV540319 <input checked="" type="checkbox"/>	41070		
	500A	LV563315 <input checked="" type="checkbox"/>	38290	LV563318	48080		
	630A**	LV563316 <input checked="" type="checkbox"/>	40840	LV563319 <input checked="" type="checkbox"/>	51170		

**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 stockable and non-stockable status, technical parameter, please Contact Customer Care Centre

NORMAL STOCK ITEMS

W.E.F. June 1, 2021



## 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 MRP [₹]	Four Pole Reference	Unit MRP [₹]
35kA	800A	LV580300 <input checked="" type="checkbox"/>	58800	LV580301 <input checked="" type="checkbox"/>	63450
50kA	800A	LV580302 <input checked="" type="checkbox"/>	68550	LV580303 <input checked="" type="checkbox"/>	77470

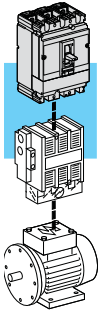
## EasyPact CVS 400 to 630A With Microprocessor Based Trip Unit



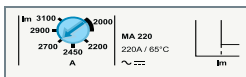
- Ics = 100% Icu as per IEC 60947-2
- Suitable for Isolation
- Adjustable Overload from 0.4 to 1\*In
- Adjustable Short Circuit from 1.4 to 10\*Ir
- Adjustable Neutral Protection - N, N/2, OFF for 4 Pole MCCB
- Inbuilt Thermal Memory

Breaking Capacity Ics as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
<b>EasyPact CVS 400 to 630A</b>					
36 kA	400A	LV540505 <input checked="" type="checkbox"/>	36590	LV540506 <input checked="" type="checkbox"/>	45590
	630A	LV563505 <input checked="" type="checkbox"/>	40210	LV563506 <input checked="" type="checkbox"/>	53370
50 kA	400A	LV540510 <input checked="" type="checkbox"/>	40160	LV540511 <input checked="" type="checkbox"/>	51990
	630A	LV563510 <input checked="" type="checkbox"/>	43720	LV563511 <input checked="" type="checkbox"/>	57190

## 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	9890
	6.3A	LV510451	
	12.5A	LV510452 <input checked="" type="checkbox"/>	10750
	25A	LV510453 <input checked="" type="checkbox"/>	14300
	50A	LV510454 <input checked="" type="checkbox"/>	14510
	100A	LV510455 <input checked="" type="checkbox"/>	14750
50kA	150A	LV516451 <input checked="" type="checkbox"/>	18670
	220A	LV525442 <input checked="" type="checkbox"/>	19690
	320A	LV540552 <input checked="" type="checkbox"/>	29490
	500A	LV563552	36500

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021

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



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

## With ETS 6 trip unit (built in LSIG protection)

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
25kA	25A	LV510600	28570	LV510610	33160
	40A	LV510608		LV510618	
	100A	LV510609		LV510619	
	160A	LV516600	32825	LV516610	40690
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
25kA	250A	LV525600	38745	LV525610	47625
36kA	25A	LV510620	29775	LV510630	34570
	40A	LV510628		LV510638	
	100A	LV510629		LV510639	
	160A	LV516620	34015	LV516630	42190
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
36kA	250A	LV525620	41015	LV525630	50510
	400A	LV540620	48990	LV540630	56745
	630A	LV563620	53625	LV563630	65400
50kA	25A	LV510640	32585	LV510650	38855
	40A	LV510648		LV510658	
	100A	LV510649		LV510659	
	160A	LV516640	39120	LV516650	46630
50kA	250A	LV525640	42970	LV525650	52015
	400A	LV540640	51420	LV540650	61375
	630A	LV563640	56920	LV563650	73495

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021

# 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	7170	LV510426	9080
160A	LV516425	8550	LV516426	10750
Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
250A	LV525425	17910	LV525426	23850
400A	LV540400	26260	LV540401	33420
630A	LV563400	29850	LV563401	40140

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021



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 MRP [₹]
OF or SD or SDE or SDV	29450 <input checked="" type="checkbox"/>	920
OF or SD or SDE or SDV low level	29452	1095
SDE adapter for trip unit TM or MA or ETS 2.3 \$\$	LV429451 <input checked="" type="checkbox"/>	800

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

### Voltage Releases

Description	Shunt Release Reference	Unit MRP [₹]	Undervoltage Reference	Unit MRP [₹]
<b>AC</b>				
24 V 50/60 Hz	LV429384 <input checked="" type="checkbox"/>	2650	LV429404	3320
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	
<b>DC</b>				
12 V	LV429382	2650	LV429402	3320
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 MRP [₹]	400/630A Reference	Unit MRP [₹]
<b>Direct rotary handle</b>				
Standard black handle	LV429337 <input checked="" type="checkbox"/>	1320	LV432597 <input checked="" type="checkbox"/>	1980
<b>Extended rotary handle</b>				
Standard extended rotary handle	LV429338_IN <input checked="" type="checkbox"/>	1770	LV432598_IN <input checked="" type="checkbox"/>	3140

### Installation Accessories

Description	100/160/250A Reference	Unit MRP [₹]	400/630A Reference	Unit MRP [₹]
<b>Spreaders &amp; Phase Barriers</b>				
Spreaders (Set of 3) 3P	LV431563 <input checked="" type="checkbox"/>	650	32492 <input checked="" type="checkbox"/>	1460
Spreaders (Set of 4) 4P	LV431564 <input checked="" type="checkbox"/>	860	32493 <input checked="" type="checkbox"/>	1860
Phase Barriers (Set of 6)	*		LV432570 <input checked="" type="checkbox"/>	850
<b>Interlocking</b>				
For Breaker with Rotary Handle	LV429369	9795	LV432621	12335
For Breaker with Toggle	LV429354	11555	LV432614	
Mechanical Interlocking with Base Plate	29349**	-	32609**	-
<b>Locking of Rotary Handle</b>				
Locking Device	LV429344 <input checked="" type="checkbox"/>	625	LV432604 <input checked="" type="checkbox"/>	850
Ronis Keylock (1 Lock + 1 Key set)	41940 <input checked="" type="checkbox"/>	4285	41940 <input checked="" type="checkbox"/>	4285
Ronis Keylock (2 Locks + 1 Key set)	41950 <input checked="" type="checkbox"/>	7935	41950 <input checked="" type="checkbox"/>	7935
Profalux Keylock (1 Lock + 1 Key set)	42888	7230	42888	7230
Profalux Keylock (2 Locks + 1 Key set)	42878	8250	42878	8250

\* supplied as standard with spreaders

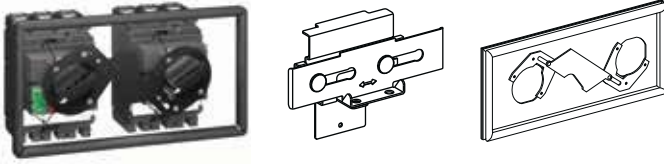
\*\* Mechanical Interlocking with Base Plate to be ordered with Safety trip interlock (LV429270 for 29349 and LV432520 for 32609)

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021





## 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 MRP [₹]
<b>Mechanical interlocking for circuit breakers</b>		
With toggles 100A to 250A	LV429354	11555
With rotary handles 100A -250A	LV429369	9795
With toggles 400A to 630A	LV432614	12335
With rotary handles 400A to 630A	LV432621	12335

## Accessories for CVS 800A

### Auxiliary/Alarms contacts

Description	Reference	Unit MRP [₹]
Auxiliary Switch 1 C/O	LV580075	1400
Alarm Auxiliary switch 1 c/o	LV580079	1960

## Accessories for ETS 6 Trip unit

Description	CVS100/160/250 Reference number	Rating	Unit MRP [₹]	CVS400/630 Reference number	Rating	Unit MRP [₹]
External neutral CT for 3 pole breaker with ETS6	LV429521	25 - 100 A	12265	LV432575	400 - 630 A	17725
	LV430563	150 - 250 A	18465			
Description		CVS 100 to 630 Reference number		Unit MRP [₹]		
Pocket Battery For MCCB With ETS 6		LV434206		15550		
24 VDC Terminal Block For MCCB With ETS 6		LV434210		4070		

## Voltage Releases

Description	Shunt Release Reference	Unit MRP [₹]	Undervoltage Reference	Unit MRP [₹]
<b>AC</b>				
220-240 V 50/60 Hz	LV580061	2665	LV580071	2700

## Rotary Handles

Description	800A Reference	Unit MRP [₹]
<b>Extended rotary handle</b>		
Standard extended rotary handle	LV580081 <input checked="" type="checkbox"/>	2335

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021

Launching soon

# COMPACT

Moulded Case Circuit Breaker

The new generation of reliable ComPacT circuit breakers features improved performance and easier installation.

- Gain a competitive edge with easy-to-upgrade, wireless connectivity of circuit breakers and panels.
- Experience easier installation thanks to a new ergonomic front-plate design.
- Improve build and installation times with screwless, plug-and-play auxiliaries.



ComPacT™ molded-case circuit breaker

[se.com/compact-nsx](https://se.com/compact-nsx)



## ComPact NSX & NSXm with Integrated Earth Leakage Protection



The ComPact NSX range is now complemented with a new type of MicroLogic trip unit including circuit protection, (overload, short circuit, neutral protection) and earth leakage protection



The ComPactNSXm range is now available with a new type of MicroLogic trip which offers overload, short circuit protection along with earth leakage protection

### Integrated earth leakage protection

- Easy to integrate into a row that does not have earth leakage protection
- Simple to use, reliable, and now comes in the same frame size, and for the same panel support
- Gain up to 40% in space when using with integrated earth leakage protection into the MicroLogicVigi trip units
- Now there's no need to order separate earth leakage modules. Save time, now that there's one less item to add to the panel board.
- Part of the EcoStruxure Power architecture, with digital communication capability and data management (settings, measurement, pre-alarms, trip & test history)

# ComPact NSXm circuit breakers: Optimized for your needs

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

## ComPact NSXm main features and innovations

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



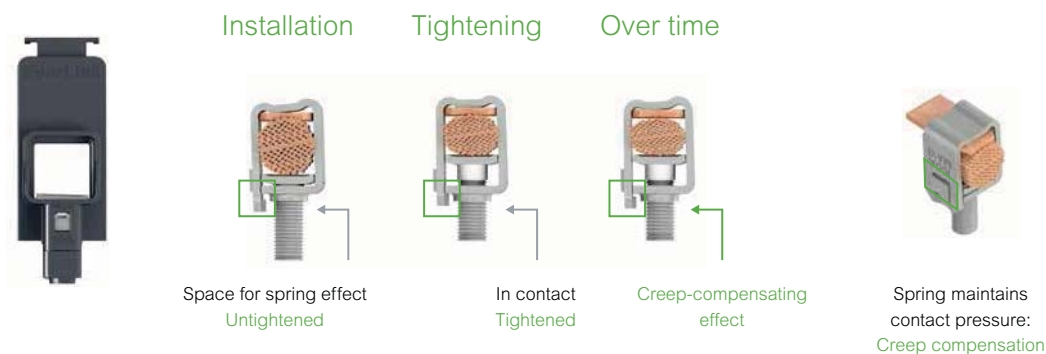
## EverLink™ patented technology

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

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



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



To experience,  
Click or Scan





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



LUG CONNECTION



- Ics = 100% Icu as per IEC 60947-2
- Adjustable thermal setting 0.7 – 1 x In
- Fixed magnetic settings
- Single frame size upto 160A
- 5 breaking capacities from 16kA to 70kA
- With compression lug connectors
- All the circuit breakers have a transparent lead-sealable cover

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
16kA	16A	LV426150	8830	LV426160	12630
	25A	LV426151	8830	LV426161	12630
	32A	LV426152	8830	LV426162	12630
	40A	LV426153	8830	LV426163	12630
	50A	LV426154	8830	LV426164	12630
	63A	LV426155	8830	LV426165	12630
	80A	LV426156	8830	LV426166	12630
	100A	LV426157	8830	LV426167	12630
	125A	LV426158	15580	LV426168	19250
	160A	LV426159	16990	LV426169	21070
25kA	16A	LV426250	9530	LV426260	13770
	25A	LV426251	9530	LV426261	13770
	32A	LV426252	9530	LV426262	13770
	40A	LV426253	9530	LV426263	13770
	50A	LV426254	9530	LV426264	13770
	63A	LV426255	9530	LV426265	13770
	80A	LV426256	9530	LV426266	13770
	100A	LV426257	9530	LV426267	13770
	125A	LV426258	16640	LV426268	20400
	160A	LV426259	19280	LV426269	24030
36kA	16A	LV426350	12180	LV426360	15610
	25A	LV426351	12180	LV426361	15610
	32A	LV426352	12180	LV426362	15610
	40A	LV426353	12180	LV426363	15610
	50A	LV426354	12180	LV426364	15610
	63A	LV426355	12180	LV426365	15610
	80A	LV426356	12180	LV426366	15610
	100A	LV426357	12180	LV426367	15610
	125A	LV426358	17980	LV426368	22340
	160A	LV426359	19890	LV426369	24720
50kA	16A	LV426450	15500	LV426460	19400
	25A	LV426451	15500	LV426461	19400
	32A	LV426452	15500	LV426462	19400
	40A	LV426453	15500	LV426463	19400
	50A	LV426454	15500	LV426464	19400
	63A	LV426455	15500	LV426465	19400
	80A	LV426456	15500	LV426466	19400
	100A	LV426457	15500	LV426467	19400
	125A	LV426458	21610	LV426468	25900
	160A	LV426459	23450	LV426469	28490
70kA	16A	LV426550	19020	LV426560	23850
	25A	LV426551	19020	LV426561	23850
	32A	LV426552	19020	LV426562	23850
	40A	LV426553	19020	LV426563	23850
	50A	LV426554	19020	LV426564	23850
	63A	LV426555	19020	LV426565	23850
	80A	LV426556	19020	LV426566	23850
	100A	LV426557	19020	LV426567	23850
	125A	LV426558	35460	LV426568	37870
	160A	LV426559	36160	LV426569	38640

**Note:** For Everlink type NSXm MCCBs add prices of LV426970 (3Pole) or LV426971(4Pole) -2 Sets in above MCCBs

For details on stockable and non stockable status, technical parameter, please contact Customer Care Centre

☑ NORMAL STOCK ITEMS

W.E.F. June 1, 2021

With integrated earth leakage protection  
(MicroLogic Vigi 4.1 Trip Unit)

- Standard protection of distribution cables
- Earth leakage protection
- Indication of:
  - Overload alarming (via LEDs and via SDx module)
  - Overload tripping (via the SDx module)
- Earth leakage alarming (via the SDx module)
- Earth leakage tripping (via front face screen and the SDx module).

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
16kA	25A	LV426750	29835	LV426755	33315
	50A	LV426751		LV426756	
	100A	LV426752	LV426757	37805	
	160A	LV426753	LV426758		
25kA	25A	LV426760	31375	LV426765	35110
	50A	LV426761		LV426766	
	100A	LV426762	LV426767	39860	
	160A	LV426763	LV426768		
36kA	25A	LV426770	33055	LV426775	37940
	50A	LV426771		LV426776	
	100A	LV426772	LV426777	42825	
	160A	LV426773	LV426778		
50kA	25A	LV426780	36005	LV426785	40895
	50A	LV426781		LV426786	
	100A	LV426782	LV426787	43850	
	160A	LV426783	LV426788		
70kA	25A	LV426790	39860	LV426795	45780
	50A	LV426791		LV426796	
	100A	LV426792	LV426797	54395	
	160A	LV426793	LV426798		

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021

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

## ComPact NSXm NA switch-disconnector

### With Compression Lug connectors

Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
50A	LV426650	10560	LV426660	15620
100A	LV426651	10560	LV426661	15620
160A	LV426652	21600	LV426662	28810

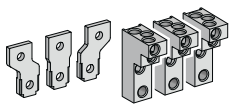
## ComPact NSXm NA switch-disconnector

### With EverLink™ connectors

Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
50A	LV426600	11095	LV426610	16425
100A	LV426601	11095	LV426611	16425
160A	LV426602	22720	LV426612	30310

## Accessories for ComPact NSXm

16A to 160A



Terminal spreaders



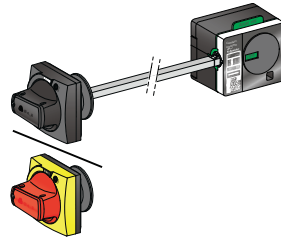
OF or SD auxiliary contact standard



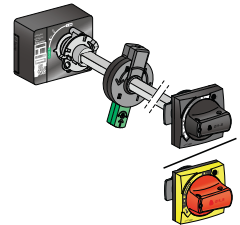
MN or MX voltage releases standard



Direct rotary handle



Side Rotary handle



Extended rotary handle

## NSXm Accessories

### Auxiliary contacts (changeover)

Description	Reference	Unit MRP [₹]
Standard OF or SD	LV426950	940

### Rotary Handles

Description	Reference	Unit MRP [₹]
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#### Direct rotary handle

Standard black handle	LV426930	1285
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#### Extended rotary handle

Standard extended rotary black handle	LV426932	1950
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#### Side rotary handle

Standard side rotary black handle	LV426935	3270
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### Spreader Links

Description	Reference	Unit MRP [₹]
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#### Spreaders & Phase Barriers

Spreaders (Set of 3) 3P	LV426940	720
Spreaders (Set of 4) 4P	LV426941	970

### Everlink Accessories

Description	Reference	Unit MRP [₹]
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#### Everlink Connectors

EverLink connector with control wire terminal for 3P (Set of 3)	LV426970	765
EverLink connector with control wire terminal for 4P (Set of 4)	LV426971	995

### Voltage Releases

Description	Shunt Release Reference	Unit MRP [₹]	Under Voltage Reference	Unit MRP [₹]
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#### AC

24 V 50/60 Hz	LV426841	2385	LV426801	3210
48 V 50/60 Hz	LV426842		LV426802	
110-130 V 50/60 Hz	LV426843	2340	LV426803	3100
220-240 V 50/60 Hz	LV426844		LV426804	
380-415 V 50 Hz	LV426846	2385	LV426806	

#### DC

24 V	LV426841	2385	LV426801	3210
48 V	LV426842		LV426802	
125 V	LV426843	2340	LV426803	3100
250 V	LV426844		LV426815	

For details on stockable and non stockable status, technical parameter, please contact Customer Care Centre

NORMAL STOCK ITEMS

W.E.F. June 1, 2021

# MCCB for Motor Protection

## GV4LE



- IEC/EN 60947-1, IEC/EN 60947-2, CCC, EAC
- Can be used with class 5, 10 or 20 relay
- Short Circuit Protection with an adjustable pick-up  $I_i = 6$  to 14 In.
- From 0.25 - 55kW

### Magnetic Protection Toggle Control

Motor Power AC3 (400/415V AC)		In	Magnetic setting range	25kA breaking capacity		50kA breaking capacity		100kA breaking capacity	
kW	HP	(A)	A	Reference	Unit MRP [₹]	Reference	Unit MRP [₹]	Reference	Unit MRP [₹]
0.25..0.75	0.3..1	2	12..28	-	-	GV4LE02N6	-	GV4LE02S6	-
0.55..1.5	0.7..2	3.5	21..49	-	-	GV4LE03N6	10800	GV4LE03S6	13800
1.5..3	2..4	7	42..96	-	-	GV4LE07N6	-	GV4LE07S6	-
3..5.5	4..7.5	12.5	75..175	-	-	GV4LE12N6	-	GV4LE12S6	-
5.5..11	7.5..14	25	150..350	GV4LE25B6	On Request	GV4LE25N6	13500	GV4LE25S6	16500
11..22	15..30	50	300..700	GV4LE50B6		GV4LE50N6		GV4LE50S6	
18.5..37	25..50	80	480..1120	GV4LE80B6		GV4LE80N6		GV4LE80S6	
30..55	40..75	115	690..1610	GV4LE115B6		GV4LE115N6		GV4LE115S6	

**Note:** For Everlink termination please order after removing the 6 at the end Eg. GV4LE115N

## GV4PE



- IEC/EN 60947-1, IEC/EN 60947-2, IEC/EN 60947-4-1, UL 60497-4-1, CCC, EAC, CSA
- Overload or thermal protection
- Short time delay protection
- Short circuit protection
- Fixed Ground fault protection
- Phase unbalance or phase loss
- Front indications through LED
- Variable Trip class : Trip Class 10/ Trip Class 20

### Thermal Magnetic Protection Toggle Control

Motor Power AC3 (400/415V AC)		In	Thermal setting range	25kA breaking capacity		50kA breaking Capacity		100kA breaking Capacity	
kW	HP	(A)	A	Reference	Unit MRP [₹]	Reference	Unit MRP [₹]	Reference	Unit MRP [₹]
0.25..0.75	0.3..1	2	0.8..2	-	-	GV4PE02N6	-	GV4PE02S6	-
0.55..1.5	0.7..2	3.5	1.4..3.5	-	-	GV4PE03N6	14800	GV4PE03S6	16000
1.5..3	2..4	7	2.9..7	-	-	GV4PE07N6	-	GV4PE07S6	-
3..5.5	4..7.5	12.5	5..12.5	-	-	GV4PE12N6	-	GV4PE12S6	-
5.5..11	7.5..14	25	10..25	GV4PE25B6	On Request	GV4PE25N6	17500	GV4PE25S6	18500
11..22	15..30	50	20..50	GV4PE50B6		GV4PE50N6		GV4PE50S6	
18.5..37	25..50	80	40..80	GV4PE80B6		GV4PE80N6		GV4PE80S6	
30..55	40..75	115	65..115	GV4PE115B6		GV4PE115N6		GV4PE115S6	

**Note:** For Everlink version please order after removing the 6 at the end. Eg. GV4PE115N

### Crimp Lug/busbar connection

Description	Sold in lots of	Reference
Crimped lug connector + screws	1	GV4LUG
Transparent terminal shield for crimped lug connector	1	LAD96590
Interphase barriers	6	LV426920
Spreader 3-pole	To increase the pitch to 35 min	LV426940

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021



# Accessories for GV4



## MX Shunt Trip

- Trips the circuit breaker when the control voltage rises above 70% of rated voltage
- Shunt trip 110..130V AC is suitable.. etc for ground fault protection when combined with a Class I ground fault sensing element

## MN Under Voltage Release

Trips the circuit breaker when the control voltage drops below 35% of its rated voltage

Description	Mounting	Voltage	References	Unit MRP [₹]
Mx Shunt Trip	Internal, Plug-In	220-240 VAC 50 Hz, 208-240 VAC 60 Hz, 277 VAC 60 Hz	GV4AS287	3015
Mn Under Voltage Release	Internal, Plug-In	440-480 VAC 60 Hz	GV4AU486	3940

# Auxiliary Contact Blocks



An auxiliary contact block provides one changeover contact with one common point for OF and SD function, depending on where it is inserted

Open/Close OF Function: indicates position of the circuit breaker contacts

Trip Alarm SD Function: indicates circuit breaker tripping due to:

- Electrical fault (overload, short circuit)
- Shunt trip/Undervoltage release
- "Push to Trip" Function

Resets when the circuit breaker is reset

Description	Maximum Number	Mounting	Type of Contacts	Reference	Unit MRP [₹]
Auxiliary Contact Block	2 (1 Each For OF or SD)	Internal Plug-In	NO + NC	GV4AE11	1060

## Rotary Handles

Description	Type	Degree of Protection	Reference	Unit MRP [₹]
Direct Mounting Rotary Handle	Black	IP40	GV4ADN01	1580
	Black	IP54	GV4APN01	2345
Front Extended Rotary Handle (Min Shaft Length 214Mm/Max Shaft Length 627Mm)	Red Handle on Yellow Bezel	IP54	GV4APN02	
	Red Handle on Yellow Bezel	IP65	GV4APN04	

## Connection Accessories

Description	Reference
Spreader 3-pole (To increase pitch to 35mm) (1 pce)	LV426940

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021

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

## 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 Electronic 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)

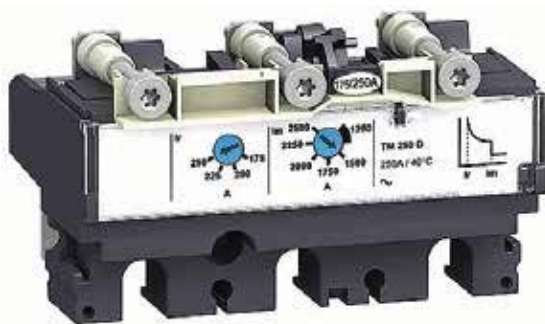


Protection	Cases	Measurement	Application
↓	↓	↓	↓
1 I 2 LS <sub>0</sub> I 5 LSI 6 LSIG	2 NSX100-250 3 NSX400-630	A Ammeter E Energy Meter	--- Distribution G Generator AB Subscriber M Motor Z 16Hz 2/3

### Example

Micrologic 1.3 M	I	400 or 630 A		Motor
Micrologic 2.2 G	LS <sub>0</sub> I	100, 160 or 250 A		Generator
Micrologic 2.3	LS <sub>0</sub> I	400 or 630 A		Distribution
Micrologic 2.3 M	LS <sub>0</sub> I	400 or 630 A		Motor
Micrologic 5.2 A	LSI	100, 160 or 250 A	Ammeter	Distribution
Micrologic 5.3 E	LSI	400 or 630 A	Energy	Distribution
Micrologic 6.3 E-M	LSIG	400 or 630 A	Energy	Motor

## Thermal Magnetic Trip Unit



- Available from 16A - 250A
- Overload Setting (I<sub>r</sub>) 0.7 - 1 x I<sub>n</sub>
- Short Circuit Setting (I<sub>m</sub>)
- Fixed upto 160A
- Adjustable 5 - 10 x I<sub>r</sub> (for 200A - 250A)

- I** - Instantaneous
- S<sub>0</sub>** - 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



## 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 10<sup>5</sup> A<sup>2</sup>S

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
25kA	16A	LV429557	11000	LV429567	15810
	25A	LV429556 ✓	11000	LV429566	15810
	32A	LV429555 ✓	11000	LV429565	15810
	40A	LV429554 ✓	11000	LV429564	15810
	50A	LV429553	11000	LV429563	15810
	63A	LV429552 ✓	11000	LV429562 ✓	15810
	80A	LV429551 ✓	11000	LV429561	15810
	100A	LV429550 ✓	11000	LV429560 ✓	15810
	125A	LV430311 ✓	19380	LV430321 ✓	23870
	160A	LV430310 ✓	20740	LV430320 ✓	26010
	200A	LV431111	30050	LV431121 ✓	36150
250A	LV431110 ✓	30630	LV431120 ✓	36870	
36kA	16A	LV429637 ✓	13400	LV429647	16970
	25A	LV429636 ✓	13400	LV429646	16970
	32A	LV429635 ✓	13400	LV429645 ✓	16970
	40A	LV429634 ✓	13400	LV429644	16970
	50A	LV429633	13400	LV429643	16970
	63A	LV429632 ✓	13400	LV429642 ✓	16970
	80A	LV429631 ✓	13400	LV429641	16970
	100A	LV429630 ✓	13400	LV429640 ✓	16970
	125A	LV430631 ✓	20030	LV430641 ✓	24950
	160A	LV430630 ✓	21030	LV430640 ✓	26900
	200A	LV431631 ✓	30440	LV431641 ✓	37520
250A	LV431630 ✓	31320	LV431640 ✓	39030	
50kA	16A	LV429847	15940	LV429857	19990
	25A	LV429846	15940	LV429856	19990
	32A	LV429845 ✓	15940	LV429855	19990
	40A	LV429844 ✓	15940	LV429854	19990
	50A	LV429843	15940	LV429853	19990
	63A	LV429842 ✓	15940	LV429852	19990
	80A	LV429841 ✓	15940	LV429851	19990
	100A	LV429840 ✓	15940	LV429850	19990
	125A	LV430841 ✓	24090	LV430851	27690
	160A	LV430840 ✓	24600	LV430850	29080
	200A	LV431831 ✓	32810	LV431841	40080
250A	LV431830 ✓	33430	LV431840	42520	
70kA	16A	LV429677	20380	LV429687	26280
	25A	LV429676	20380	LV429686	26280
	32A	LV429675	20380	LV429685	26280
	40A	LV429674	20380	LV429684	26280
	50A	LV429673	20380	LV429683	26280
	63A	LV429672 ✓	20380	LV429682	26280
	80A	LV429671	20380	LV429681	26280
	100A	LV429670 ✓	20380	LV429680	26280
	125A	LV430671	37930	LV430681	40310
	160A	LV430670 ✓	38340	LV430680	41120
	200A	LV431671	43580	LV431681	56620
250A	LV431670 ✓	43990	LV431680	57180	

### Note:

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

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

✓ NORMAL STOCK ITEMS

W.E.F. June 1, 2021

## With Micrologic 2 (µP -ASIC based)



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

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
25kA	40A	LV429777 <input checked="" type="checkbox"/>	19380	LV429787	24950
	100A	LV429775 <input checked="" type="checkbox"/>	19380	LV429785 <input checked="" type="checkbox"/>	24950
	160A	LV430745 <input checked="" type="checkbox"/>	24760	LV430750 <input checked="" type="checkbox"/>	31580
	250A	LV431140 <input checked="" type="checkbox"/>	32540	LV431150 <input checked="" type="checkbox"/>	41740
36kA	40A	LV429772	19700	LV429782	25060
	100A	LV429770 <input checked="" type="checkbox"/>	19700	LV429780 <input checked="" type="checkbox"/>	25060
	160A	LV430770 <input checked="" type="checkbox"/>	25200	LV430780 <input checked="" type="checkbox"/>	34830
	250A	LV431770 <input checked="" type="checkbox"/>	34070	LV431780 <input checked="" type="checkbox"/>	47210
	400A	LV432676 <input checked="" type="checkbox"/>	47240	LV432677 <input checked="" type="checkbox"/>	53920
	630A	LV432876 <input checked="" type="checkbox"/>	49940	LV432877 <input checked="" type="checkbox"/>	64730
50kA	40A	LV429797	23640	LV429807	31990
	100A	LV429795 <input checked="" type="checkbox"/>	23640	LV429805 <input checked="" type="checkbox"/>	32940
	160A	LV430775 <input checked="" type="checkbox"/>	29960	LV430785	38970
	250A	LV431870 <input checked="" type="checkbox"/>	38910	LV431875 <input checked="" type="checkbox"/>	50570
	400A	LV432693 <input checked="" type="checkbox"/>	49380	LV432694 <input checked="" type="checkbox"/>	64130
70kA	630A	LV432893 <input checked="" type="checkbox"/>	51180	LV432894 <input checked="" type="checkbox"/>	67800
	40A	LV429792	29850	LV429802	37810
	100A	LV429790	30300	LV429800	37810
	160A	LV430790	40030	LV430800	51090
	250A	LV431790	44960	LV431800	64880
	400A	LV432695 <input checked="" type="checkbox"/>	56180	LV432696	73770
	630A	LV432895 <input checked="" type="checkbox"/>	57570	LV432896	89560

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

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

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

MCCB Frame	Relay Module rated current	3 Ph + 3W Reference	Unit MRP [₹]	3 Ph + 4W Reference	Unit MRP [₹]
CVS/NSX100	32, 40, 50, 63, 80, 100	GFP11CT13P <input checked="" type="checkbox"/>	6220	GFP11CT14P <input checked="" type="checkbox"/>	6810
CVS/NSX 160 / 250	125, 160, 200, 250	GFP12CT23P <input checked="" type="checkbox"/>	7060	GFP12CT24P <input checked="" type="checkbox"/>	7980
CVS/NSX 400 / 630	400, 630	GFP13CT33P <input checked="" type="checkbox"/>	10680	GFP13CT34P <input checked="" type="checkbox"/>	11660

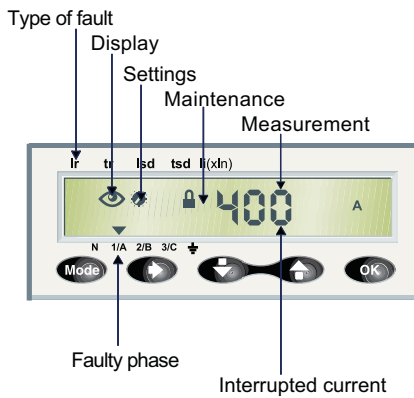
**Note:** Kindly order NSX/CVS MCCB +GFP+. Shunt trip coil.

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021

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<sub>sd</sub> 1.5 - 10 x Ir and tsd I<sub>2t</sub>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 tg I<sub>2t</sub>ON/OFF 0.1 - 0.4s
- Instantaneous protection li 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)
- External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price
- Adjustable neutral protection - N, N/2, OFF and oversized neutral (standard feature) for 4 Pole MCCB.

Breaking Capacity Icu as per IEC 60947-2"	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
25kA	100A	LV429014X62A100	43250	LV429015X62A100	48410
	160A	LV430390X62A160	45740	LV430395X62A160	55010
	250A	LV431390X62A250	52370	LV431395X62A250	62740
36kA	40A	LV429003X62A40	43460	LV429008X62A40	49340
	100A	LV429003X62A100	43460	LV429008X62A100	49340
	160A	LV430403X62A160	47270	LV430408X62A160	56770
	250A	LV431403X62A250	53000	LV431408X62A250	65750
	400A	LV432413X63A400	62280	LV432415X63A400	70850
50kA	630A	LV432813X63A630	71560	LV432815X63A630	84230
	40A	LV429006X62A40	46360	LV429011X62A40	53130
	100A	LV429006X62A100	46360	LV429011X62A100	53130
	160A	LV430406X62A160	53660	LV430411X62A160	58030
	250A	LV431406X62A250	57340	LV431411X62A250	67310
	400A	LV432403X63A400	64000	LV432408X63A400	78280
70kA	630A	LV432803X63A630	71820	LV432808X63A630	89620
	40A	LV429004X62A40	51840	LV429009X62A40	59490
	100A	LV429004X62A100	51840	LV429009X62A100	59490
	160A	LV430404X62A160	63550	LV430409X62A160	70830
	250A	LV431404X62A250	64830	LV431409X62A250	96780
	400A	LV432404X63A400	81200	LV432409X63A400	101460
	630A	LV432804X63A630	83680	LV432809X63A630	111240

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

☑ NORMAL STOCK ITEMS

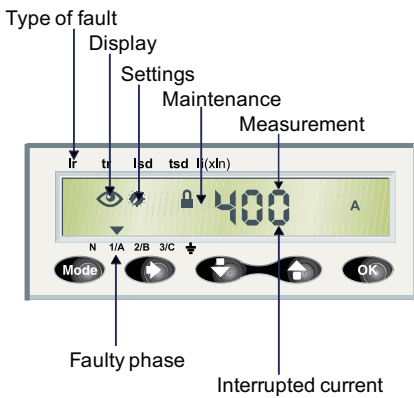
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Micrologic 6 E (Embedded Energy metering and communication cable)



- 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 MRP [₹]	Four Pole Reference	Unit MRP [₹]
25kA	40A	LV429014X62E40	On request	LV429015X62E40	On request
	100A	LV429014X62E100		LV429015X62E100	
	160A	LV430390X62E160		LV430395X62E160	
	250A	LV431390X62E250		LV431395X62E250	
36kA	40A	LV429003X62E40		LV429008X62E40	
	100A	LV429003X62E100		LV429008X62E100	
	160A	LV430403X62E160		LV430408X62E160	
	250A	LV431403X62E250		LV431408X62E250	
	400A	LV432413X63E400		LV432415X63E400	
50kA	630A	LV432813X63E630		LV432815X63E630	
	40A	LV429006X62E40		LV429011X62E40	
	100A	LV429006X62E100		LV429011X62E100	
	160A	LV430406X62E160	LV430411X62E160		
	250A	LV431406X62E250	LV431411X62E250		
70kA	400A	LV432403X63E400	LV432408X63E400		
	630A	LV432803X63E630	LV432808X63E630		
	40A	LV429004X62E40	LV429009X62E40		
	100A	LV429004X62E100	LV429009X62E100		
	160A	LV430404X62E160	LV430409X62E160		
	250A	LV431404X62E250	LV431409X62E250		
	400A	LV432404X63E400	LV432409X63E400		
	630A	LV432804X63E630	LV432809X63E630		

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

☑ NORMAL STOCK ITEMS

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## With Magnetic Trip Unit MA type



- $I_{cs} = 100\% I_{cu}$  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

Breaking Capacity $I_{cu}$ as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]
36kA	150A	LV430830	20630
	220A	LV431748	33840
50kA	150A	LV430832	25180
	220A	LV431752	37140
70kA	150A	LV430834	37780
	220A	LV431756	58600

## MCCBs for DC Network Protection

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



Breaking Capacity $I_{cu}$ as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
25kA	100A	LV438003XTMDC100	19125	LV438008XTMDC100	39050
	250A	LV438203XTMDC250	29320	LV438208XTMDC250	38240
	400A	LV438267	40875	LV438262	46410
	500A	LV438268	49035	LV438263	59935
	600A	LV438269	51785	LV438264	62685
36kA	400A	LV438277	58370	LV438272	71090
	500A	LV438278	63730	LV438273	76880
	600A	LV438279	63730	LV438274	76880

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021

## With Micrologic 4 Vigi



- Standard protection for electrical distribution-overload, short circuit & neutral protection
- Earth leakage protection-Adjustable leakage threshold (I $\Delta$ n) and adjustable time delay threshold
  - Sensitivity I $\Delta$ n (A)
    - Type A: 30mA - 100mA - 300mA - 500mA - 1A - 3A - 5A (for the ratings 40 to 250A)
    - Type B: 300mA - 500mA - 1A - 3A - 5A - 10A (for the ratings 400 to 570A)
- Alarming & Fault Indication

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
25kA	40A	LV433810	34170	LV433818	38325
	100A	LV433811	34170	LV433819	38325
	160A	LV433813	36185	LV433821	43600
	250A	LV433816	41460	LV433824	49630
36kA	40A	LV433826	34170	LV433834	39325
	100A	LV433827	34170	LV433835	39325
	160A	LV433829	37320	LV433837	44355
	250A	LV433832	41840	LV433840	51255
	400A	LV433934	58035	LV433936	65325
50kA	570A	LV433935	66580	LV433937	77635
	40A	LV433842	37320	LV433850	42340
	100A	LV433843	37320	LV433851	42340
	160A	LV433845	42340	LV433853	45225
	250A	LV433848	45105	LV433856	52515
	400A	LV433938	59550	LV433940	72105
70kA	570A	LV433939	66830	LV433941	82660
	40A	LV433858	41205	LV433866	47370
	100A	LV433859	41205	LV433867	47370
	160A	LV433861	50635	LV433869	56280
	250A	LV433864	51635	LV433872	78515
	400A	LV433942	76380	LV433944	95350
	570A	LV433943	78640	LV433945	104515

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

NORMAL STOCK ITEMS

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Indication contacts



SDTAM remote indication relay module



SDx remote indication relay module



Voltage Release



Motor Mechanism

Description	Reference	Unit MRP [₹]
<b>Auxiliary contacts (changeover) Multifunction</b>		
OF or SD or SDE or SDV	29450 <input checked="" type="checkbox"/>	920
OF or SD or SDE or SDV low level	29452	1095
SDE adaptor for trip unit TM or MA or Micrologic 2 \$\$	LV429451 <input checked="" type="checkbox"/>	800
<b>SDx 2-PROGRAMMABLE CONTACTS FOR MICROLOGIC</b>		
SDx module 24/415 V AC/DC	LV429532	13550
<b>SDTAM contactor tripping module for Micrologic 2- M/6 E-M</b>		
SDTAM 24/415 V AC/DC overload fault indication	LV429424	14050

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

### Voltage Releases

Description	Shunt Release Reference	Unit MRP [₹]	Undervoltage Reference	Unit MRP [₹]
<b>AC</b>				
24 V 50/60 Hz	LV429384	2650	LV429404	3320
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	
<b>DC</b>				
12 V	LV429382	2650	LV429402	3320
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 MRP [₹]	400/630A Reference	Unit MRP [₹]
<b>Spreaders &amp; Phase Barrier</b>				
Spreaders (Set of 3) 3P	LV431563 <input checked="" type="checkbox"/>	650	32492 <input checked="" type="checkbox"/>	1460
Spreaders (Set of 4) 4P	LV431564 <input checked="" type="checkbox"/>	860	32493 <input checked="" type="checkbox"/>	1860
Phase Barrier (Set of 6)	*	-	LV432570 <input checked="" type="checkbox"/>	850
<b>Interlocking</b>				
For Breaker with Rotary Handle	LV429369	9795	LV432621	12335
For Breaker with Toggle	LV429354	11555	LV432614	12335
Mechanical Interlocking with Base Plate	29349**	-	32609**	-
<b>Locking of Rotary Handle</b>				
Locking Device	LV429344 <input checked="" type="checkbox"/>	625	LV432604 <input checked="" type="checkbox"/>	850
Ronis Keylock (1 Lock + 1 Key set)	41940 <input checked="" type="checkbox"/>	4285	41940 <input checked="" type="checkbox"/>	4285
Ronis Keylock (2 Locks + 1 Key set)	41950 <input checked="" type="checkbox"/>	7935	41950 <input checked="" type="checkbox"/>	7935
Profalux Keylock (1 Lock + 1 Key set)	42888	7230	42888	7230
Profalux Keylock (2 Locks + 1 Key set)	42878	8250	42878	8250

\* supplied as standard with spreader

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

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021



FDM121: Front Display Module



Test Battery



Power Supply Module B



SCM: Breaker Status and Control Module

**Motor Mechanism**

Type	Voltage	100/160A Reference	Unit MRP [₹]	250A Reference	Unit MRP [₹]	400/630A Reference	Unit MRP [₹]
<b>Motor Mechanism Modules with SDE Adaptor <sup>(1)</sup></b>							
AC 50/60 Hz	48-60 V	LV429440	24950	LV431548	27570	LV432639	40070
	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	34305	LV431543	37195	LV432643	49155
	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 MRP [₹]	400/630A Reference	Unit MRP [₹]
<b>Locking of Motor Mechanism</b>				
Keylock adaptor + Ronis keylock (special)	LV429449	3455	-	-
Locking Device	-	-	LV432649	1060
Ronis Keylock	-	-	41940 <input checked="" type="checkbox"/>	4285
Profalux Keylock	-	-	42888	7230
Torque Limiting Screws (Set of 12)	LV429513	2445	LV432513	2665

**Monitoring and Control, test tools- ComPact and NSX100 - 630**  
Monitoring and Control (Remote Operation)

Description	Reference	Unit MRP [₹]
<b>ULP Display Module</b>		
Switchboard front display module FDM121	TRV00121 <input checked="" type="checkbox"/>	14185
<b>ULP Wiring Accessories</b>		
NSX cord L = 0.35 m	LV434200	3275
NSX cord L = 1.3 m	LV434201	3330
5 RJ45/RJ45 MALE Cord L = 1m	TRV00810	3100
10 Stacking connectors for COM interface	TRV00217	4830
<b>ULP Communication Module</b>		
IFM MODBUS Interface Module	LV434000	11270
BSCM ( Breaker Status and Control Module)	LV434205 <input checked="" type="checkbox"/>	10470
<b>Power Supply Modules</b>		
<b>External power supply module 24 V DC-1 A OVC IV</b>		
200-240 V AC	LV454444 <input checked="" type="checkbox"/>	16720
Pocket battery for Micrologic NSX100-630	LV434206	20630

Maintenance Module for advanced configuration and testing, contact our nearest Sales office.  
ULP = Universal Logic Plug

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021





Direct Rotary Handle



Extended Rotary Handle



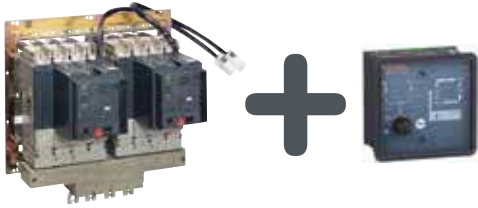
Plug in Base



Draw-Out Chassis Kit

Description	100/160/250A Reference	Unit MRP [₹]	400/630A Reference	Unit MRP [₹]
<b>Rotary Handles</b>				
Standard direct black handle	LV429337 <input checked="" type="checkbox"/>	1320	LV432597 <input checked="" type="checkbox"/>	1980
Standard extended rotary handle	LV429338 <input checked="" type="checkbox"/>	1860	LV432598 <input checked="" type="checkbox"/>	3300
<b>Plug in Base (Complete Kit)</b>				
3 Pole	LV429289 <input checked="" type="checkbox"/>	10190	LV432538 <input checked="" type="checkbox"/>	23380
4 Pole	LV429290 <input checked="" type="checkbox"/>	13190	LV432539 <input checked="" type="checkbox"/>	29140
<b>Draw-Out Chassis Kit</b>				
3 Pole				
Plug In base	LV429289 <input checked="" type="checkbox"/>	10190	LV432538 <input checked="" type="checkbox"/>	23380
Chassis Side Plate for base	LV429282 <input checked="" type="checkbox"/>	13500	LV432532 <input checked="" type="checkbox"/>	17100
Chassis Side Plate for breaker	LV429283 <input checked="" type="checkbox"/>	7155	LV432533 <input checked="" type="checkbox"/>	9965
4 Pole				
Plug In base	LV429290 <input checked="" type="checkbox"/>	13190	LV432539 <input checked="" type="checkbox"/>	29140
Chassis Side Plate for base	LV429282 <input checked="" type="checkbox"/>	13500	LV432532 <input checked="" type="checkbox"/>	17100
Chassis Side Plate for breaker	LV429283 <input checked="" type="checkbox"/>	7155	LV432533 <input checked="" type="checkbox"/>	9965
<b>Plug In / Withdrawable version Accessories</b>				
<b>Automatic Auxilliary Connectors</b>				
1 9-wire fixed connector (for base)	LV429273	1415	LV429273	1415
1 9-wire moving connector (for circuit breaker)	LV429274	990	LV432523 <input checked="" type="checkbox"/>	1060
1 support for 2 moving connectors	LV429275	760	LV432525 <input checked="" type="checkbox"/>	760
<b>Manual Auxilliary Connectors</b>				
9-wire manual auxiliary connector (fixed + moving)	LV429272	4840	LV429272	4840

**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	On request	LV4A3F100100U4	On request
NSX160F	NSX100F	LV4A3F160100B4		LV4A3F160100U4	
NSX160F	NSX160F	LV4A3F160160B4		LV4A3F160160U4	
NSX250F	NSX100F	LV4A3F250100B4		LV4A3F250100U4	
NSX250F	NSX160F	LV4A3F250160B4		LV4A3F250160U4	
NSX250F	NSX250F	LV4A3F250250B4		LV4A3F250250U4	
NSX400F	NSX100F	LV4A3F400100B4*		LV4A3F400100U4*	
NSX400F	NSX160F	LV4A3F400160B4*		LV4A3F400160U4*	
NSX400F	NSX250F	LV4A3F400250B4*		LV4A3F400250U4*	
NSX400F	NSX400F	LV4A3F400400B4		LV4A3F400400U4	
NSX630F	NSX160F	LV4A3F630160B4*		LV4A3F630160U4*	
NSX630F	NSX250F	LV4A3F630250B4*		LV4A3F630250U4*	
NSX630F	NSX400F	LV4A3F630400B4		LV4A3F630400U4	
NSX630F	NSX630F	LV4A3F630630B4		LV4A3F630630U4	

## 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	On request	LV4A4F100100U4	On request
NSX160F	NSX100F	LV4A4F160100B4		LV4A4F160100U4	
NSX160F	NSX160F	LV4A4F160160B4		LV4A4F160160U4	
NSX250F	NSX100F	LV4A4F250100B4		LV4A4F250100U4	
NSX250F	NSX160F	LV4A4F250160B4		LV4A4F250160U4	
NSX250F	NSX250F	LV4A4F250250B4		LV4A4F250250U4	
NSX400F	NSX100F	LV4A4F400100B4*		LV4A4F400100U4*	
NSX400F	NSX160F	LV4A4F400160B4*		LV4A4F400160U4*	
NSX400F	NSX250F	LV4A4F400250B4*		LV4A4F400250U4*	
NSX400F	NSX400F	LV4A4F400400B4		LV4A4F400400U4	
NSX630F	NSX160F	LV4A4F630160B4*		LV4A4F630160U4*	
NSX630F	NSX250F	LV4A4F630250B4*		LV4A4F630250U4*	
NSX630F	NSX400F	LV4A4F630400B4		LV4A4F630400U4	
NSX630F	NSX630F	LV4A4F630630B4		LV4A4F630630U4	

\* Downstream coupling accessories are not available.

### Note:

Each reference consists of:

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

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

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

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

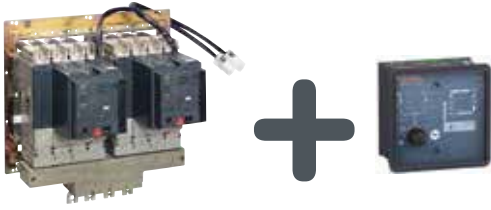
UA controller with 220/240V AC is not available

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

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021



### 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	On request	LV4A3N100100U4	On request
NSX160N	NSX100N	LV4A3N160100B4		LV4A3N160100U4	
NSX160N	NSX160N	LV4A3N160160B4		LV4A3N160160U4	
NSX250N	NSX100N	LV4A3N250100B4		LV4A3N250100U4	
NSX250N	NSX160N	LV4A3N250160B4		LV4A3N250160U4	
NSX250N	NSX250N	LV4A3N250250B4		LV4A3N250250U4	
NSX400N	NSX100N	LV4A3N400100B4*		LV4A3N400100U4*	
NSX400N	NSX160N	LV4A3N400160B4*		LV4A3N400160U4*	
NSX400N	NSX250N	LV4A3N400250B4*		LV4A3N400250U4*	
NSX400N	NSX400N	LV4A3N400400B4		LV4A3N400400U4	
NSX630N	NSX160N	LV4A3N630160B4*		LV4A3N630160U4*	
NSX630N	NSX250N	LV4A3N630250B4*		LV4A3N630250U4*	
NSX630N	NSX400N	LV4A3N630400B4		LV4A3N630400U4	
NSX630N	NSX630N	LV4A3N630630B4		LV4A3N630630U4	

## 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	On request	LV4A4N100100U4	On request
NSX160N	NSX100N	LV4A4N160100B4		LV4A4N160100U4	
NSX160N	NSX160N	LV4A4N160160B4		LV4A4N160160U4	
NSX250N	NSX100N	LV4A4N250100B4		LV4A4N250100U4	
NSX250N	NSX160N	LV4A4N250160B4		LV4A4N250160U4	
NSX250N	NSX250N	LV4A4N250250B4		LV4A4N250250U4	
NSX400N	NSX100N	LV4A4N400100B4*		LV4A4N400100U4*	
NSX400N	NSX160N	LV4A4N400160B4*		LV4A4N400160U4*	
NSX400N	NSX250N	LV4A4N400250B4*		LV4A4N400250U4*	
NSX400N	NSX400N	LV4A4N400400B4		LV4A4N400400U4	
NSX630N	NSX160N	LV4A4N630160B4*		LV4A4N630160U4*	
NSX630N	NSX250N	LV4A4N630250B4*		LV4A4N630250U4*	
NSX630N	NSX400N	LV4A4N630400B4		LV4A4N630400U4	
NSX630N	NSX630N	LV4A4N630630B4		LV4A4N630630U4	

\* Downstream coupling accessories are not available.

### Note:

Each reference consists of:

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

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

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

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

UA controller with 220/240V AC is not available

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

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

☑ NORMAL STOCK ITEMS

W.E.F. June 1, 2021

# 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



**2** sizes:

from 800 to 3200A



ComPact NS800A to 1600



ComPact NS1600b to 3200



Micrologic without Display

Micrologic A

Micrologic E

Micrologic P

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

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

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

☑ NORMAL STOCK ITEMS

W.E.F. June 1, 2021



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 MRP [₹]	Four Pole Reference	Unit MRP [₹]
<b>With Direct Rotary Handle</b>					
50kA	800	INA_3P33466D <input checked="" type="checkbox"/>	75850	INA_4P33469D	99230
	1000	INA_3P33472D	97360	INA_4P33475D	141260
<b>With Extended Rotary Handle</b>					
50kA	800	INA_3P33466E <input checked="" type="checkbox"/>	80460	INA_4P33469E <input checked="" type="checkbox"/>	104540
	1000	INA_3P33472E <input checked="" type="checkbox"/>	104650	INA_4P33475E <input checked="" type="checkbox"/>	150720
	1250	INA_3P33478E <input checked="" type="checkbox"/>	124880	INA_4P33480E	190320



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 MRP [₹]	Four Pole Reference	Unit MRP [₹]
<b>With Direct Rotary Handle</b>					
50kA	800	INA_3P96466D	107440	INA_4P96469D	130820
	70kA	800	INA_3P96467D	124300	INA_4P96470D
		1000	INA_3P96473D	154250	INA_4P96476D
<b>With Extended Rotary Handle</b>					
50kA	800	INA_3P96466E	112860	INA_4P96469E	137060
	1000	INA_3P96472E	135080	INA_4P96475E	193090
	1250	INA_3P96478E	154990	INA_4P96480E	216950
70kA	800	INA_3P96467E	130350	INA_4P96470E	156900
	1000	INA_3P96473E	161060	INA_4P96476E	224800

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 <sub>sd</sub>	Adjustable Short Circuit Current	1.5 - 10 x Ir
tsd	Adjustable Short Circuit time delay	0.1 - 0.4sec & OFF (I <sup>2</sup> t ON/OFF)
I <sub>i</sub>	Adjustable Instantaneous Current	2 - 15 x In & OFF
I <sub>g</sub>	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 <sup>2</sup> t ON/OFF)

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

LED bargraph shows the % loading on each phase

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

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

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021



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 MRP [₹]	Four Pole Reference	Unit MRP [₹]
<b>With Direct Rotary Handle</b>					
50kA	1000	INA_10N3PFM6ED1	160955	INA_10N4PFM6ED1	206575
	1250	INA_12N3PFM6ED1	178560	INA_12N4PFM6ED1	246430
70kA	800	INA_8H3PFM6ED1	149570	INA_8H4PFM6ED1	182085
	1000	INA_10H3PFM6ED1	190515	INA_10H4PFM6ED1	262710
	1250	INA_12H3PFM6ED1	219105	INA_12H4PFM6ED1	284585
<b>With Extended Rotary Handle</b>					
50kA	800	INA_8N3PFM6EE1	123525	INA_8N4PFM6EE1	150745

Remarks: Trip Unit Micrologic 6.0E

Parameter	Description	Setting
I <sub>r</sub>	Adjustable Overload Current	0.4 - 1 x I <sub>n</sub>
t <sub>r</sub>	Adjustable Overload time delay	0.5 - 24 sec
I <sub>sd</sub>	Adjustable Short Circuit Current	1.5 - 10 x I <sub>r</sub>
t <sub>sd</sub>	Adjustable Short Circuit time delay	0.1 - 0.4sec & OFF (I <sub>r</sub> ON/OFF)
I <sub>i</sub>	Adjustable Instantaneous Current	2 - 15 x I <sub>n</sub> & OFF
I <sub>g</sub>	Adjustable Earth Fault Current	0.2 - I <sub>n</sub> (for <1250A) / 500 - 1200A (for ≥1250A)
t <sub>g</sub>	Adjustable Earth Fault time delay	0.1 - 0.4sec & OFF (I <sub>r</sub> ON/OFF)

## Display shows readings of I<sub>1</sub>, I<sub>2</sub>, I<sub>3</sub>, I<sub>n</sub> & 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.

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 MRP [₹]	Four Pole Reference	Unit MRP [₹]
<b>For Control Voltage 220/240V AC</b>					
50kA	800	INA_3P93280_20	135865	INA_4P93284_20	154305
	1000	INA_3P93290_20	159900	INA_4P93294_20	208855
	1250	INA_3P93300_20	181380	INA_4P93304_20	250820



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 MRP [₹]	Four Pole Reference	Unit MRP [₹]
<b>For Control Voltage 220/240V AC</b>					
50kA	800	INA_3P96280_20	171085	INA_4P96284_20	197130
	1000	INA_3P96290_20	195125	INA_4P96294_20	357205
<b>For Control Voltage 415V AC</b>					
50kA	1000	INA_3P96290_40	195125	INA_4P96294_40	244090
	1250	INA_3P96300_40	208270	INA_4P96304_40	275025

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 <sup>2</sup> 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 <sup>2</sup> t ON/OFF)

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

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

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

☑ NORMAL STOCK ITEMS

W.E.F. June 1, 2021

## Accessories

For ComPact NS800 - 1600A

Type	Voltage	Shunt Release Reference	Unit MRP [₹]	Undervoltage Reference	Unit MRP [₹]
<b>Voltage Releases</b>					
AC 50/60 Hz	24 V	33659	7050	33668	7050
	48 V	33660		33669	
	110-130 V	33661 <input checked="" type="checkbox"/>	7060	33670	
	220-240 V	33662 <input checked="" type="checkbox"/>	7050	33671 <input checked="" type="checkbox"/>	
	380-415 V	33664		33673 <input checked="" type="checkbox"/>	
DC	24 V	33659	7050	33668	
	48 V	33660		33669	
	125 V	33661 <input checked="" type="checkbox"/>	7060	33670	
	250 V	33662 <input checked="" type="checkbox"/>	7050	33671 <input checked="" type="checkbox"/>	
Description				NS800 to 1600 Reference	Unit MRP [₹]
Spreaders (Set of 3) 3P				33622 <input checked="" type="checkbox"/>	11415
Spreaders (Set of 4) 4P				33623 <input checked="" type="checkbox"/>	14160

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021

# EasyPact EZC

Safe, Reliable and Easy



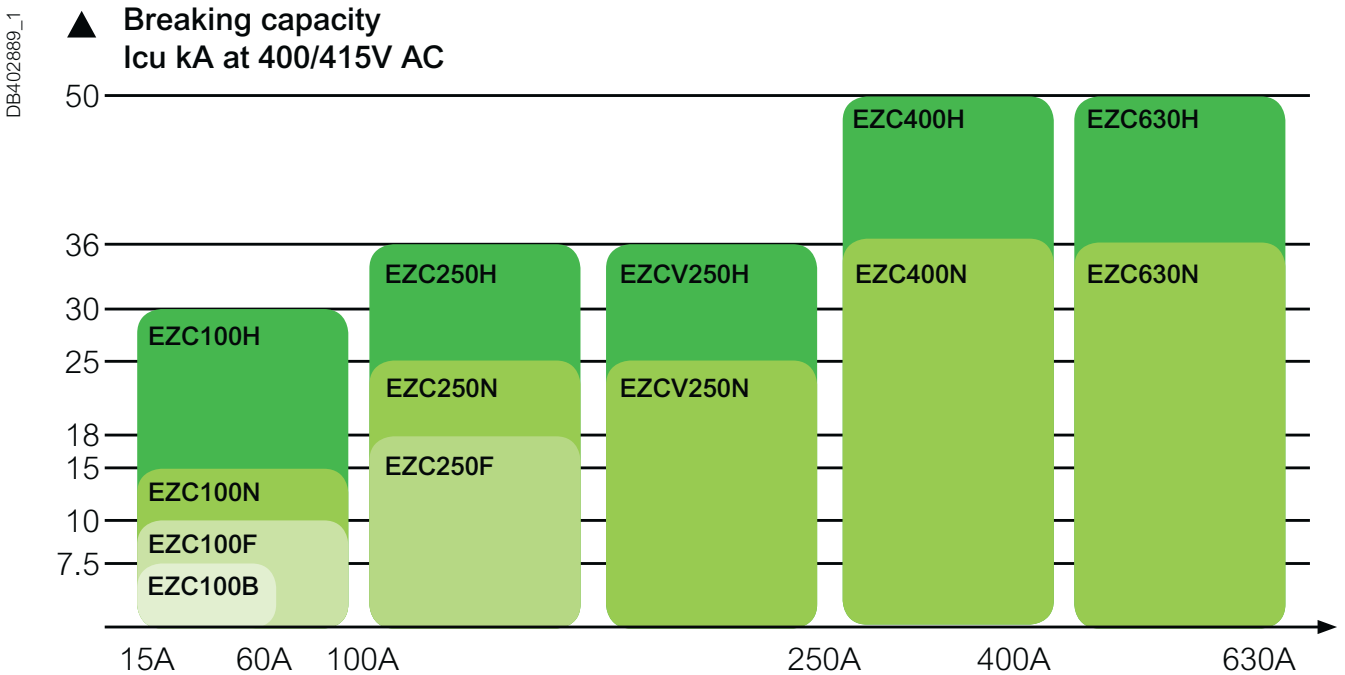
With just three sizes of circuit breakers, Schneider Electric's **EasyPact EZC** system is the simple, universal solution, particularly

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 AC
- 1P, 2P, 3P and 4P versions available
- EZC AC version is suitable for DC applications upto 250V DC (15A to 250A breaking capacity up to 30kA)



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

☑ NORMAL STOCK ITEMS

W.E.F. June 1, 2021



## With Fixed Thermal Magnetic Trip Unit (TMD)

- Conforms to IEC60947-2
- Suitable for isolation

BREAKING CAPACITY ICU AS PER IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP ₹
"10 kA @ 415V AC 5kA @ 250V DC (2pole in series)"	16A	EZC100F3016	3230
	20A	EZC100F3020	
	25A	EZC100F3025	
	32A	EZC100F3032	
	40A	EZC100F3040	
	50A	EZC100F3050	
	63A	EZC100F3063	
	80A	EZC100F3080	
"18 kA @ 415V AC 5kA @ 250V DC (2pole in series)"	100A	EZC100F3100	7870
	125A	EZC250F3125	
	150A	EZC250F3150	
	160A	EZC250F3160	
	175A	EZC250F3175	
	200A	EZC250F3200	
11030			
7920			
8980			
<b>Breaking Capacity Icu as per IEC 60947-2</b>			
"18 kA @ 415V AC 5kA @ 250V DC (2pole in series)"	250A	EZC250F3250	12900
<b>Breaking Capacity Icu as per IEC 60947-2</b>			
"18 kA @ 240V AC 5kA @ 125V DC "	16A	EZC100N1016	2480
	20A	EZC100N1020	
	25A	EZC100N1025	
	32A	EZC100N1032	
	40A	EZC100N1040	
	50A	EZC100N1050	
	63A	EZC100N1063	
	80A	EZC100N1080	
	100A	EZC100N1100	
<b>Breaking Capacity Icu as per IEC 60947-2</b>			
"50 kA @ 240V AC 10kA @ 250V DC (2pole in series)"	16A	EZC100H2016	4035
	20A	EZC100H2020	
	25A	EZC100H2025	
	32A	EZC100H2032	
	40A	EZC100H2040	
	50A	EZC100H2050	
	63A	EZC100H2063	
	80A	EZC100H2080	
	100A	EZC100H2100	
	8320		
"85 kA @ 240V AC 30kA @ 250V DC (2pole in series)"	125A	EZC250H2125	9800
	150A	EZC250H2150	
	160A	EZC250H2160	
	175A	EZC250H2175	
	200A	EZC250H2200	
11800			
<b>Breaking Capacity Icu as per IEC 60947-2</b>			
"85 kA @ 240V AC 30kA @ 250V DC (2pole in series)"	250A	EZC250H2250	12145

**Note:**

- Contact customer care for 1P(up to 100A) and 2P (up to 250A) requirements.

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
"30 kA @ 415V AC 10kA @ 250V DC (2pole in series)"	15A	EZC100H3015	5480	EZC100H4015	7590
	20A	EZC100H3020		EZC100H4020	
	25A	EZC100H3025		EZC100H4025	
	32A	EZC100H3032		EZC100H4032	
	40A	EZC100H3040		EZC100H4040	
	50A	EZC100H3050		EZC100H4050	
	63A	EZC100H3063		EZC100H4063	
	80A	EZC100H3080		EZC100H4080	
	100A	EZC100H3100		EZC100H4100	
"25 kA @ 415V AC 20kA @ 250V DC (2pole in series)"	125A	EZC250N3125	8060	EZC250N4125	11120
	160A	EZC250N3160	9770	EZC250N4160	13080
	200A	EZC250N3200	11595	EZC250N4200	14625
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
"25 kA @ 415V AC 20kA @ 250V DC (2pole in series)"	250A	EZC250N3250	13250	EZC250N4250	17140
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
"36 kA @ 415V AC 30kA @ 250V DC (2pole in series)"	125A	EZC250H3125	8080	EZC250H4125	10890
	160A	EZC250H3160	10580	EZC250H4160	13310
	200A	EZC250H3200	13140	EZC250H4200	17750
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
"36 kA @ 415V AC 30kA @ 250V DC (2pole in series)"	250A	EZC250H3250	14690	EZC250H4250	19840
	320A	EZC400H3320N	21990	EZC400H4320N	25370
	400A	EZC400H3400N	22690	EZC400H4400N	30380
	500A	EZC630H3500N	30890	EZC630H4500N	40150
	600A	EZC630H3600N	32190	EZC630H4600N	41965
"50 kA @ 415V AC"					

**Note:**

- Contact customer care for 1P(up to 100A) and 2P (up to 250A) requirements

Description	EZC100 Reference	Unit MRP [₹]	EZC250 Reference	Unit MRP [₹]
<b>Auxiliary Contacts (changeover) Multifunction</b>				
Auxiliary Switch 1 C/O	EZAUX10 <input checked="" type="checkbox"/>	970	EZEAX <input checked="" type="checkbox"/>	1180
Alarm - Switch 1 C/O	EZAUX01		EZEAL <input checked="" type="checkbox"/>	
Alarm - Auxiliary Switch	EZAUX11 <input checked="" type="checkbox"/>	1440	EZEAXAL	1710
<b>Spreaders</b>				
Spreaders *(Set Of 3) 3P	EZASPDR3P <input checked="" type="checkbox"/>	390	EZESPDR3P <input checked="" type="checkbox"/>	590
Spreaders *(Set Of 4) 4P	EZASPDR4P <input checked="" type="checkbox"/>	520	EZESPDR4P	750
<b>Phase Barriers</b>				
	EZAFASB2	245	EZEFASB2	340
<b>Rotary Handle</b>				
Direct Rotary handle	EZAROTDS <input checked="" type="checkbox"/>	1370	EZEROTDS	1710
Extended Rotary handle	EZAROTE	2030	EZEROTE	2030
<b>Shunt Release</b>				
<b>AC</b>				
100-130 V	EZASHT100AC	2080	EZESHT100AC	2080
200-277 V	EZASHT200AC <input checked="" type="checkbox"/>		EZESHT200AC <input checked="" type="checkbox"/>	
380-480 V	EZASHT380AC		EZESHT400AC	
<b>DC</b>				
24 V	EZASHT024DC	1580	EZESHT024DC	2080

Description	EZC 400/600 Reference	Unit MRP [₹]
<b>Auxiliary Contacts</b>		
OF or SD or SDE	29450	920
<b>Spreaders</b>		
Spreaders (Set of 3) 3P	32492	1460
Spreaders (Set of 4) 4P	32493	1860
<b>Phase Barriers (Set of 6)</b>		
	LV432570	850
<b>Rotary Handle</b>		
Direct Rotary handle	LV432597	1980
Extended Rotary handle	LV432598	3300
<b>Shunt Release</b>		
AC 220-240 V 50/60 Hz	LV429387	2100

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021

# Unique Modular Ground Fault Protection

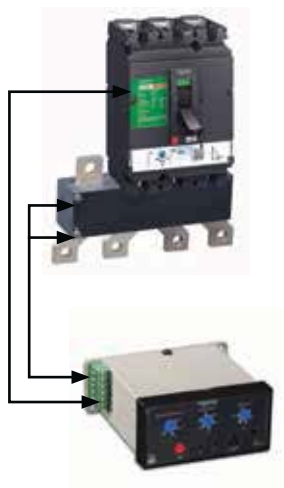
## Earth Fault Protection for EasyPact CVS/ ComPact NSX MCCBs

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

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



Protection of electrical distribution network against fire



MCCB Frame	Relay Module rated current	3 Ph + 3W Reference	Unit MRP [₹]	3 Ph + 4W Reference	Unit MRP [₹]
CVS/NSX100	32, 40, 50, 63, 80, 100	GFP11CT13P <input checked="" type="checkbox"/>	6220	GFP11CT14P <input checked="" type="checkbox"/>	6810
CVS/NSX 160 / 250	125, 160, 200, 250	GFP12CT23P <input checked="" type="checkbox"/>	7060	GFP12CT24P <input checked="" type="checkbox"/>	7980
CVS/NSX 400 / 630	400, 630	GFP13CT33P <input checked="" type="checkbox"/>	10680	GFP13CT34P <input checked="" type="checkbox"/>	11660

**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 Centre.

NORMAL STOCK ITEMS

W.E.F. June 1, 2021

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	13050	56230	14335
Sensitivity=0.03A	380/415VAC	56140		56240	20275
RH99 with local manual fault reset	220/240VAC	56173	19715	56273	21345
Sensitivity = 0.03- 30A & time delay= 0-4.5s	380/415VAC	56174	21740	56274	22410
RH197P with local manual or automatic fault reset	220/240VAC		-	56507*	24130
Sensitivity = 0.03- 30A & time delay= 0-4.5s	380/415VAC		-	56508*	49115
RH197P with local manual or automatic fault reset	220/240VAC		-	56512**	47245
Sensitivity = 0.03- 30A & time delay= 0-4.5s	380/415VAC		-	56513**	25585

\* 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	8320
PA50	85	50	50438	11595
IA80	160	80	50439	13805
MA120	250	120	50440	16605
SA200	400	200	50441	25800
GA300	630	300	50442	54935

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

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021





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 MRP [₹]
<b>Interpact Range of Switch Disconnectors</b>			
3-Pole	40 A AC-23A	28900	5480
	63 A AC-23A	28902	6620
	100 A AC-23A	28908	7810
	125 A AC-23A	28910	8510
	160 A AC-23A	28912	9480
	200 A AC-23A	31102	16480
	250 A AC-23A	31106	17400
	320 A AC-23A	31108	28340
	400 A AC-23A	31110	31930
4-Pole	630 A AC-23A	31114	32850
	40 A AC-23A	28901	6120
	63 A AC-23A	28903	7240
	100 A AC-23A	28909	8510
	125 A AC-23A	28911	9490
	160 A AC-23A	28913	10480
	200 A AC-23A	31103	18400
	250 A AC-23A	31107	19320
	320 A AC-23A	31109	32830
	400 A AC-23A	31111	33900
630 A AC-23A	31115	38000	
<b>Interpact Changeover Systems (Complete Assembly)</b>			
3-Pole	100 A AC-23A	31140	48770
	160 A AC-23A	31144	53085
	200 A AC-23A	31142	58380
	250 A AC-23A	31146	60005
	320 A AC-23A	31148	99225
	400 A AC-23A	31150	105940
4-Pole	630 A AC-23A	31154	107775
	100 A AC-23A	31141	55625
	160 A AC-23A	31145	60840
	200 A AC-23A	31143	68890
	250 A AC-23A	31147	71285
	320 A AC-23A	31149	108230
400 A AC-23A	31151	111740	
630 A AC-23A	31155	127920	

Description	Reference	Unit MRP [₹]
<b>Accessories</b>		
Optional front extended rotary handle INS 250 - black handle (Switch Disconnector)	LV431050	4850
Optional front extended rotary handle INS 320..630 - black handle (Switch Disconnector)	31052	6850
Optional front extended rotary handle INS 40..160 - black handle (Switch Disconnector)	LV428941	2465
6 phase separators - INS100..160	28959	1080
6 phase separators - INS250	29329	1230
6 phase separators - INS400..630	LV432570	850

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021



## Fuse solutions from the world leader in electrical distribution

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

### Range Details: NX range Switch Disconnecter Fuse

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

### Range Details: ISFT range Fuse Switch Disconnecter

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

### Range Details: ISFL range Vertical Fuse Switch Disconnecter

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

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

### Without Enclosure

Rated Operational Current	Poles Description	DIN Type Reference	Unit MRP [₹]
32 A	3P + N	NX032TPNDI <input checked="" type="checkbox"/>	2860
63 A	3P + N	NX063TPNDI <input checked="" type="checkbox"/>	3790
80 A	3P + N	NX080TPNDI	7160
100 A	3P	NX100TPXDI	7970
	3P + N	NX100TPNDI <input checked="" type="checkbox"/>	8210
125 A	3P	NX125TPXDI <input checked="" type="checkbox"/>	9310
	3P + N	NX125TPNDI <input checked="" type="checkbox"/>	10070
160 A	3P + N	NX160TPNDI <input checked="" type="checkbox"/>	10980
200A	3P + N	NX200TPNDI <input checked="" type="checkbox"/>	14100
250 A	3P	NX250TPXDI	16620
	3P + N	NX250TPNDI <input checked="" type="checkbox"/>	16960
	4P	NX250FPXDI	20320
315 A	3P + N	NX315TPNDI <input checked="" type="checkbox"/>	21000
400 A	3P + N	NX400TPNDI <input checked="" type="checkbox"/>	28730
630 A	3P	NX630TPXDI	41230
	3P + N	NX630TPNDI <input checked="" type="checkbox"/>	41790

### Accessories/Spares

Description	Reference	Unit MRP [₹]
<b>NX032/NX063/NX080</b>		
Auxiliary contact for FuPact	NXAA11 <input checked="" type="checkbox"/>	605
Handle operating mechanism (HOM) NX032...NX080	NXR1	545
<b>NX100/NX125/NX160</b>		
Auxiliary contact for FuPact	NXBA11 <input checked="" type="checkbox"/>	705
Fuse holder DIN for BS type NX100...NX160	NXHB21	270
Handle operating mechanism NX100...NX160	NXR2 <input checked="" type="checkbox"/>	1030
<b>NX200</b>		
Auxiliary contact for FuPact	NXBA11 <input checked="" type="checkbox"/>	705
Fuse holder for BS type NX200	NXHB22	280
Fuse holder for DIN NX200	NXHD22	320
Handle operating mechanism NX200	NXR2 <input checked="" type="checkbox"/>	1030
<b>NX250/315/400</b>		
Auxiliary contact for FuPact	NXBA11 <input checked="" type="checkbox"/>	705
Handle operating mechanism for NX250...NX400	NXR3	1065
<b>NX630</b>		
Auxiliary contact for FuPact	NXBA11 <input checked="" type="checkbox"/>	705

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

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021

Future of Power Distribution

# MasterPact MTZ

LV Circuit Breakers & Switch Disconnectors  
from 630A to 6300A



# NOW, YOU'RE READY...

Built on the legendary performance and reliability of the MasterPact range.

MasterPact MTZ circuit breakers prepare you for the future of power distribution with smart connectivity, remote monitoring, and easy customization via digital modules.

- Intuitive EcoStruxure Power Device App smartphone app for easy operation and maintenance
- Precise Class 1 power meter built in for energy-saving capabilities
- Easy customization with digital modules
- Intuitive MicroLogic™ X control unit
- Easy installation using established architectures
- Seamless integration with building and energy management systems with EcoStruxure architectures
- Designed and tested to applicable standards for ANSI, UL, and IEC
- Low migration cost from MasterPact NT/NW to MasterPact MTZ



With MasterPact MTZ breakers, enhanced performance and connectivity equip you for the future of power distribution.

- Available from 630A to 6300A
- Breaking capacity upto 150kA
- Fixed & Draw-Out version





# MasterPact MTZ

## A new digital user experience

With the MasterPact MTZ circuit breaker, every stage of the project - from designing and configuring to operating and maintaining - is streamlined using its digital capabilities.

### DESIGN



**EcoStruxure Power Design software**  
Single-line diagram design software that calculates and sizes your electrical installation.

**EcoStruxure Power Build software**  
Quick configuration and quotation tool for switchboards.

### CONFIGURE AND ORDER



**Product Selector**  
Configure MasterPact MTZ to save time and ensure accuracy.

**MySE**  
Order your MasterPact MTZ online

### BUILD AND COMMISSION



**EcoStruxure Power Commission software**  
Commission and upgrade easily with protection setting and factory-acceptance test.

### OPERATE AND MAINTAIN



**EcoStruxure Power monitoring software**  
Power Monitoring Expert  
Power SCADA Operation  
Building Operation  
Facility Advisor

**Monitor with EcoStruxure Power software**  
Obtain data visualization and reporting for increased efficiency.

**Remote, continuous notifications**  
**The Facility Expert maintenance logbook app.**  
Track facility data and receive alerts in case of power events and scheduled maintenance.

**Operate with MicroLogic X control unit**  
Locally in the facility room  
Status "at a glance"



**GoDigital store**  
Purchase additional digital modules for even more visibility and efficiency over the MasterPact MTZ circuit breaker life cycle.

### CUSTOMIZE OR UPGRADE



**Operate with your smartphone**  
Locally in the facility room



Bluetooth  
NFC Ecostruxure Power Device App

Android

iOS



## Overview of MicroLogic X Trip Unit

### Measurement

Energy management is the challenge of present & future generations. To meet this requirement MicroLogic X incorporates all the measuring functions of a power meter including **Energy Class 1 accuracy** third-party certified.

### Protection

Improvement of the reliability of MicroLogic X, dual settings and additional facilities **increase the performance and the flexibility** of low voltage systems of protection.

### Maintenance & Diagnostics

Optimal continuity of services as well as extended life of equipment is one of customers main concerns. For that purpose **MicroLogic X integrates new extended diagnosis** and assistance to maintenance.



## 14 Optional 24/7 downloadable digital modules dedicated to upgrading MicroLogic X

- Undervoltage and overvoltage
- Underfrequency and overfrequency
- Reverse active power
- IDMTL overcurrent protection
- Directional overcurrent
- Ground-fault alarm
- Energy Reduction Maintenance Settings
- Energy per phase
- Individual harmonics analysis
- Power restoration assistant
- MasterPact operation assistant
- Waveform capture on trip event
- IEC 61850 for MasterPact MTZ
- Modbus legacy dataset

### Communication

- It is now common practice to make available most of the information processed by a Protection Control Unit, locally for network operation and maintenance, as well as remotely for higher functions of control, monitoring, energy efficiency and assets management.
- To comply with this requirement, MicroLogic X control units **incorporate several channels of communication, including Ethernet, Modbus SL and wireless communication facilities**

The Benchmark for Power Circuit Breakers around the world

# MasterPact NT/NW

LV power circuit breakers 630 to 6300 A



AIR PROCESS



Network Protection



Supervision



ComPact

# 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 Trip System Overview of functions

## Micrologic name codes

**2.0 E**  
X Y Z

### X: type of protection

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

### Y: control-unit generation

Identification of the control-unit generation.  
"0" signifies the first generation.

### Z: type of measurement

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

## 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.

## Measurements and programmable protection

- $I_1, I_2, I_3, I_N$ , earth-fault<sup>1</sup>, earth-leakage<sup>2</sup> 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).



## 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.

## 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

## ATS Kit

### Suitable for MasterPact NT/ NW ACB

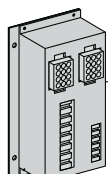
#### This Kit comprises of :

- 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	168080
ATS Kit for MasterPact NT EDO type with UA 415VAC controller	INA_NTDOU4	192825
ATS Kit for MasterPact NW EDO type with BA 415VAC controller	INA_NWDOB4 <input checked="" type="checkbox"/>	182980
ATS Kit for MasterPact NW EDO type with UA 415VAC controller	INA_NWDOU4 <input checked="" type="checkbox"/>	232485

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

NORMAL STOCK ITEMS

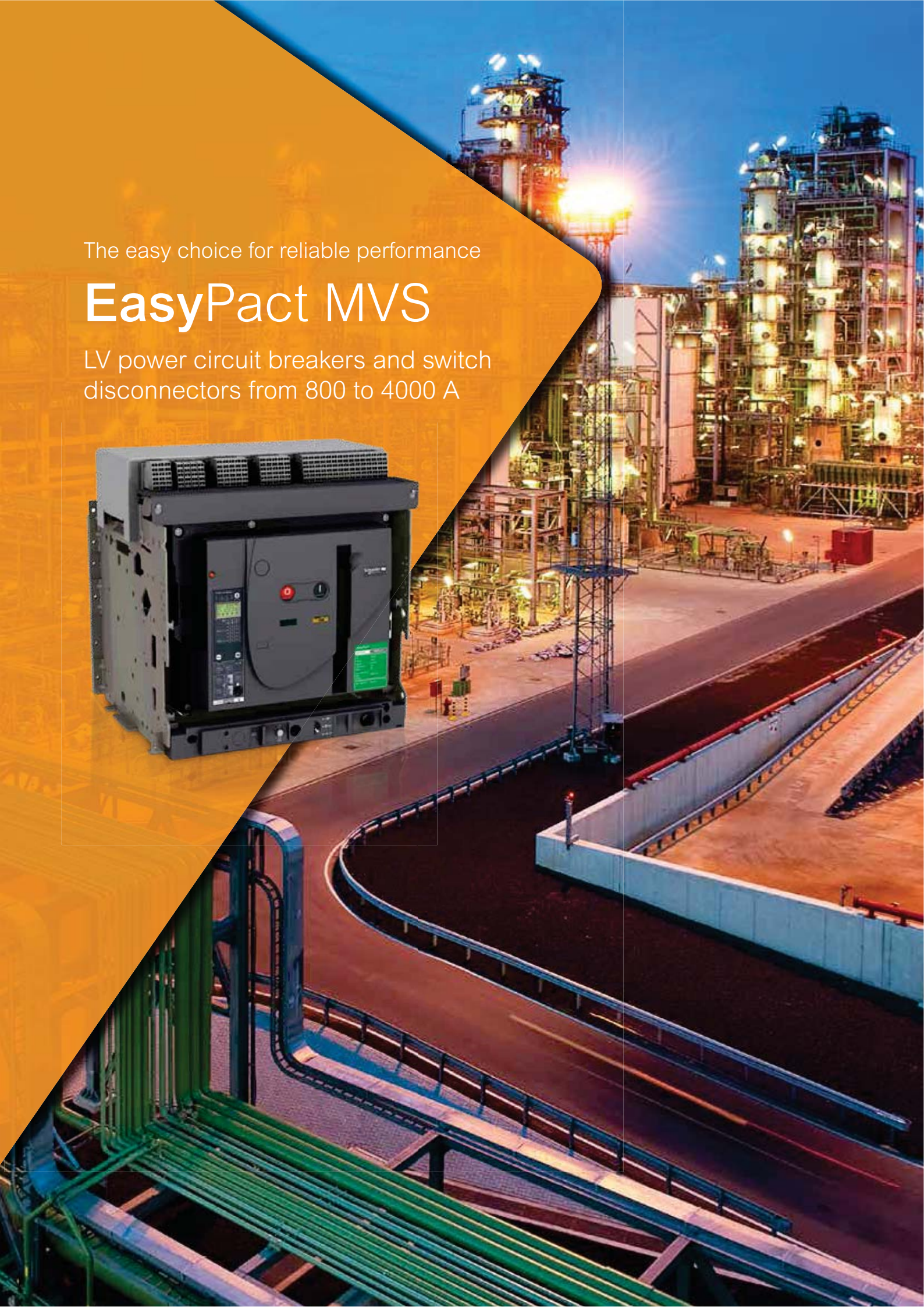
W.E.F. June 1, 2021



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  $I_{cu}=I_{cs}=I_{cw}=50kA / 65kA$  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
<b>Features</b>	Current Metering	●	●
	Voltage Metering		●
	ZSI	●	●
	% Loading Bar Graph for each phase	●	●
	Thermal Memory	●	●
	Last 10 Trip History		●
<b>Protection</b>	2 (L, I)	2L	2A
		6G	6A

## EasyPact ACB CommunicationModule



Connect



Control



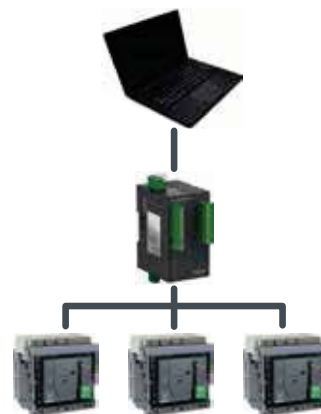
Manage

Make Communication architecture affordable and Easy to maintain

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



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



Material Description	Reference	Unit MRP [₹]
EasyPact MVS Communication module .... EasyCom	MVS21430	13705

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

☑ NORMAL STOCK ITEMS

W.E.F. June 1, 2021

# 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
- Icu=Ics=Icw(1sec) = 50kA @ 440V AC

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

Rating In (A)	3P Draw-Out Manual Reference	Unit MRP [₹]	3P Draw-Out Electrical Reference	Unit MRP [₹]	4P Draw-Out Manual Reference	Unit MRP [₹]	4P Draw-Out Electrical Reference	Unit MRP [₹]
800	MVS08N3MW6L	222570	MVS08N3NW6L	283450	MVS08N4MW6L	279360	MVS08N4NW6L	340240
1000	MVS10N3MW6L	233820	MVS10N3NW6L	294700	MVS10N4MW6L	292680	MVS10N4NW6L	353560
1250	MVS12N3MW6L	260340	MVS12N3NW6L	321220	MVS12N4MW6L	324160	MVS12N4NW6L	385040
1600	MVS16N3MW6L	295890	MVS16N3NW6L	356770	MVS16N4MW6L	361040	MVS16N4NW6L	421920
2000	MVS20N3MW6L	386060	MVS20N3NW6L	446940	MVS20N4MW6L	474120	MVS20N4NW6L	535000
2500	MVS25N3MW6L	477280	MVS25N3NW6L	538160	MVS25N4MW6L	579980	MVS25N4NW6L	640860
3200	MVS32N3MW6L	577050	MVS32N3NW6L	637930	MVS32N4MW6L	707550	MVS32N4NW6L	768430
4000	MVS40N3MW6L	705760	MVS40N3NW6L	766640	MVS40N4MW6L	906650	MVS40N4NW6L	967530

### EasyPact MVS Draw out ACB

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

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

#### Note:

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

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

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021

# EasyPact MVS Draw-out ACB

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



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

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

Rating In (A)	3P Draw-Out Manual Reference	Unit MRP [₹]	3P Draw-Out Electrical Reference	Unit MRP [₹]	4P Draw-Out Manual Reference	Unit MRP [₹]	4P Draw-Out Electrical Reference	Unit MRP [₹]
800	MVS08N3MW2L	215170	MVS08N3NW2L	276050	MVS08N4MW2L	271960	MVS08N4NW2L	332840
1000	MVS10N3MW2L	226420	MVS10N3NW2L	287300	MVS10N4MW2L	285280	MVS10N4NW2L	346160
1250	MVS12N3MW2L	252940	MVS12N3NW2L	313820	MVS12N4MW2L	316760	MVS12N4NW2L	377640
1600	MVS16N3MW2L	288490	MVS16N3NW2L	349370	MVS16N4MW2L	353640	MVS16N4NW2L	414520
2000	MVS20N3MW2L	378660	MVS20N3NW2L	439540	MVS20N4MW2L	466720	MVS20N4NW2L	527600
2500	MVS25N3MW2L	469880	MVS25N3NW2L	530760	MVS25N4MW2L	572580	MVS25N4NW2L	633460
3200	MVS32N3MW2L	569650	MVS32N3NW2L	630530	MVS32N4MW2L	700150	MVS32N4NW2L	761030
4000	MVS40N3MW2L	698360	MVS40N3NW2L	759240	MVS40N4MW2L	899250	MVS40N4NW2L	960130

### EasyPact MVS Draw out ACB

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

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

#### Note:

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

- Top and Bottom horizontal terminations.
- 1 No. Electrical fault indication Contact (SDE).
- 1 No. Auxiliary contact block (OF) with 4 C/O contacts.
- Safety shutters on Chassis & door sealing frame- Escutcheon (CDP).

- All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) & shunt release (MX).
- External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price.
- Any other accessories are optional at extra price.

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

☑ NORMAL STOCK ITEMS

W.E.F. June 1, 2021



# EasyPact MVS Fixed ACB

## Fixed type Circuit breakers & Switch Disconnectors 800-4000A



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

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

Rating in (A)	3P Fix Manual Reference	Unit MRP [₹]	3P Fix Electrical Reference	Unit MRP [₹]	4P Fix Manual Reference	Unit MRP [₹]	4P Fix Electrical Reference	Unit MRP [₹]
800	MVS08N3MF6L	165960	MVS08N3NF6L	226840	MVS08N4MF6L	211010	MVS08N4NF6L	271890
1000	MVS10N3MF6L	181680	MVS10N3NF6L	242560	MVS10N4MF6L	229170	MVS10N4NF6L	290050
1250	MVS12N3MF6L	208810	MVS12N3NF6L	269690	MVS12N4MF6L	260880	MVS12N4NF6L	321760
1600	MVS16N3MF6L	231780	MVS16N3NF6L	292660	MVS16N4MF6L	299610	MVS16N4NF6L	360490
2000	MVS20N3MF6L	290680	MVS20N3NF6L	351560	MVS20N4MF6L	379890	MVS20N4NF6L	440770
2500	MVS25N3MF6L	354380	MVS25N3NF6L	415260	MVS25N4MF6L	447720	MVS25N4NF6L	508600
3200	MVS32N3MF6L	507280	MVS32N3NF6L	568160	MVS32N4MF6L	625890	MVS32N4NF6L	686770
4000	MVS40N3MF6L	624700	MVS40N3NF6L	685580	MVS40N4MF6L	783180	MVS40N4NF6L	844060

### EasyPact MVS Fix ACB

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

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

#### Note:

All Fix type circuit breakers will be supplied with:

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

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021

- 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 MRP [₹]	3P Fix Electrical Reference	Unit MRP [₹]	4P Fix Manual Reference	Unit MRP [₹]	4P Fix Electrical Reference	Unit MRP [₹]
800	MVS08N3MF2L	158560	MVS08N3NF2L	219440	MVS08N4MF2L	203610	MVS08N4NF2L	264490
1000	MVS10N3MF2L	174280	MVS10N3NF2L	235160	MVS10N4MF2L	221770	MVS10N4NF2L	282650
1250	MVS12N3MF2L	201410	MVS12N3NF2L	262290	MVS12N4MF2L	253480	MVS12N4NF2L	314360
1600	MVS16N3MF2L	224380	MVS16N3NF2L	285260	MVS16N4MF2L	292210	MVS16N4NF2L	353090
2000	MVS20N3MF2L	283280	MVS20N3NF2L	344160	MVS20N4MF2L	372490	MVS20N4NF2L	433370
2500	MVS25N3MF2L	346980	MVS25N3NF2L	407860	MVS25N4MF2L	440320	MVS25N4NF2L	501200
3200	MVS32N3MF2L	499880	MVS32N3NF2L	560760	MVS32N4MF2L	618490	MVS32N4NF2L	679370
4000	MVS40N3MF2L	617300	MVS40N3NF2L	678180	MVS40N4MF2L	775780	MVS40N4NF2L	836660

### EasyPact MVS Fix ACB

ACB variants	LP changes for product configuration w.r.t. ACB having ET2L trip unit	How to arrive at new reference number
ACB with ET2A trip unit (LCD display with Current Metering)	Add	₹4600
ACB with ET2V trip unit (LCD display with Current Metering & Voltage Metering and Last 10 Trip History)	Add	₹13800

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

Note:

All Fix type circuit breakers will be supplied with:

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

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

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

Component	Specification	Reference	Unit MRP [₹]
<b>Gear Motor (MCH)</b>			
AC 50/60 Hz	100/130 V	47893	48445
	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	
<b>Closing Release (XF)</b>			
AC 50/60 Hz DC	24/30 V DC	33659	7050
	48/60 V DC	33660	
	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	
<b>Opening Release (MX)</b>			
AC 50/60 Hz DC	24/30 V DC, 24 V AC	33659	7050
	48/60 V DC, 48 V AC	33660	
	100/130 V AC/DC	33661 <input checked="" type="checkbox"/>	7060
	200/250 V AC/DC	33662 <input checked="" type="checkbox"/>	
	380/480 V AC	33664 <input checked="" type="checkbox"/>	7050
<b>Terminal Block</b>			
For drawout circuit breaker		47849	260
<b>Under Voltage Release (MN)</b>			
AC 50/60 Hz DC	24/30 V DC, 24 V AC	33668	7050
	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"/>	
<b>MN Delay Unit</b>			
AC 50/60 Hz DC	48/60 V AC/DC	33680	10250
	100/130 V AC/DC	33681	
	200/250 V AC/DC	33682	
	380/480 V AC/DC	33683	
	100/130 V AC/DC	33684	9550
	200/250 V AC/DC	33685 <input checked="" type="checkbox"/>	
<b>ON/OFF Indication Contacts (Additional OF contact)</b>			
1 additional block of 4 contacts		47887	6215
<b>Door Interlock (VPECD)/1 part</b>			
On right hand side of chassis		47914 <input checked="" type="checkbox"/>	3390
<b>Operation Counter</b>			
Operation Counter CDM		48535	9615

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021

# EasyPact SPS

Standard Protection System for your electrical distribution network



800-1600A

ET2.0  
Trip System

ET6G  
Trip System

Microprocessor Base Trip Units

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

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

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021



- 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 MRP [₹]	3P Draw-Out Electrical Reference	Unit MRP [₹]	4P Draw-Out Manual Reference	Unit MRP [₹]	4P Draw-Out Electrical Reference	Unit MRP [₹]
800	SPS08F3PMW6L	176740	SPS08F3PEW6L	221850	SPS08F4PMW6L	221630	SPS08F4PEW6L	266750
1000	SPS10F3PMW6L	185180	SPS10F3PEW6L	230300	SPS10F4PMW6L	234450	SPS10F4PEW6L	279570
1250	SPS12F3PMW6L	207130	SPS12F3PEW6L	252240	SPS12F4PMW6L	264170	SPS12F4PEW6L	309290
1600	SPS16F3PMW6L	233660	SPS16F3PEW6L	278780	SPS16F4PMW6L	299030	SPS16F4PEW6L	344150

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

Rating in (A)	3P Draw-Out Manual Reference	Unit MRP [₹]	3P Draw-Out Electrical Reference	Unit MRP [₹]	4P Draw-Out Manual Reference	Unit MRP [₹]	4P Draw-Out Electrical Reference	Unit MRP [₹]
800	SPS08F3PMW2B	174730	SPS08F3PEW2B	219850	SPS08F4PMW2B	219630	SPS08F4PEW2B	264740
1000	SPS10F3PMW2B	183180	SPS10F3PEW2B	228290	SPS10F4PMW2B	232450	SPS10F4PEW2B	277560
1250	SPS12F3PMW2B	205120	SPS12F3PEW2B	250240	SPS12F4PMW2B	262170	SPS12F4PEW2B	307290
1600	SPS16F3PMW2B	231660	SPS16F3PEW2B	276770	SPS16F4PMW2B	297030	SPS16F4PEW2B	342140

### Draw-out Type switch disconnector without protection

Rating in (A)	3P Draw-Out Manual Reference	Unit MRP [₹]	3P Draw-Out Electrical Reference	Unit MRP [₹]	4P Draw-Out Manual Reference	Unit MRP [₹]	4P Draw-Out Electrical Reference	Unit MRP [₹]
800	SPS08F3PMW0D	160920	SPS08F3PEW0D	206030	SPS08F4PMW0D	205810	SPS08F4PEW0D	250930
1000	SPS10F3PMW0D	169360	SPS10F3PEW0D	214480	SPS10F4PMW0D	218630	SPS10F4PEW0D	263750
1250	SPS12F3PMW0D	191310	SPS12F3PEW0D	236420	SPS12F4PMW0D	248360	SPS12F4PEW0D	293470
1600	SPS16F3PMW0D	217840	SPS16F3PEW0D	262960	SPS16F4PMW0D	283210	SPS16F4PEW0D	328330

#### Note:

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

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

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

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021





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

### Fixed Type circuit breaker with Microprocessor based ET6G Trip Unit

Rating in (A)	3P Fixed Manual Reference	Unit MRP [₹]	3P Fixed Electrical Reference	Unit MRP [₹]	4P Fixed Manual Reference	Unit MRP [₹]	4P Fixed Electrical Reference	Unit MRP [₹]
800	SPS08F3PMF6L	135760	SPS08F3PEF6L	180880	SPS08F4PMF6L	165050	SPS08F4PEF6L	210170
1000	SPS10F3PMF6L	142930	SPS10F3PEF6L	188040	SPS10F4PMF6L	177220	SPS10F4PEF6L	222330
1250	SPS12F3PMF6L	164790	SPS12F3PEF6L	209910	SPS12F4PMF6L	205600	SPS12F4PEF6L	250720
1600	SPS16F3PMF6L	190830	SPS16F3PEF6L	235950	SPS16F4PMF6L	235040	SPS16F4PEF6L	280160

### Fixed Type circuit breaker with Microprocessor based ET2B Trip Unit

Rating in (A)	3P Fixed Manual Reference	Unit MRP [₹]	3P Fixed Electrical Reference	Unit MRP [₹]	4P Fixed Manual Reference	Unit MRP [₹]	4P Fixed Electrical Reference	Unit MRP [₹]
800	SPS08F3PMF2B	133760	SPS08F3PEF2B	178870	SPS08F4PMF2B	163050	SPS08F4PEF2B	208160
1000	SPS10F3PMF2B	140920	SPS10F3PEF2B	186040	SPS10F4PMF2B	175210	SPS10F4PEF2B	220330
1250	SPS12F3PMF2B	162790	SPS12F3PEF2B	207910	SPS12F4PMF2B	203590	SPS12F4PEF2B	248710
1600	SPS16F3PMF2B	188820	SPS16F3PEF2B	233940	SPS16F4PMF2B	233040	SPS16F4PEF2B	278150

### Fixed Type switch disconnector without protection

Rating in (A)	3P Fixed Manual Reference	Unit MRP [₹]	3P Fixed Electrical Reference	Unit MRP [₹]	4P Fixed Manual Reference	Unit MRP [₹]	4P Fixed Electrical Reference	Unit MRP [₹]
800	SPS08F3PMF0D	119940	SPS08F3PEF0D	165060	SPS08F4PMF0D	149230	SPS08F4PEF0D	194350
1000	SPS10F3PMF0D	127110	SPS10F3PEF0D	172220	SPS10F4PMF0D	161400	SPS10F4PEF0D	206510
1250	SPS12F3PMF0D	148980	SPS12F3PEF0D	194090	SPS12F4PMF0D	189780	SPS12F4PEF0D	234900
1600	SPS16F3PMF0D	175010	SPS16F3PEF0D	220130	SPS16F4PMF0D	219220	SPS16F4PEF0D	264340

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

### Accessories

Pole Description	Rated Operational Current	Reference	Unit MRP [₹]
<b>Gear Motor (MCH)</b>			
AC 50/60 Hz	100/130 V	33176	48445
	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	
<b>Terminal Block</b>			
For Fixed circuit breaker		47074	305
For Drawout circuit breaker		33098	295
<b>ON/OFF Indication contacts (OF) 1Part</b>			
Changeover contact 6A	240V	47076	1250
<b>Ready to close contact</b>			
Changeover contact 5A	240V	47080	3210
<b>Door interlock (VPECD)/1 part</b>			
Right side of chassis		33172	4180

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

☑ NORMAL STOCK ITEMS

W.E.F. June 1, 2021



# ASCO Power Technologies™

The **7000 SERIES** Automatic Transfer Bypass-Isolation Switch is intended for critical applications where continuous power is required

- Allows bypass-isolation without load interruption
- Primary transfer switch can be inspected, tested, and maintained without interrupting power to the load
- Transfer switch and bypass transfer switch have identical electrical ratings
- Available 150 to 4000 amps
- Draw out design allows for easy transfer switch maintenance
- Open Transition, closed Transition and Delayed Transition Designs



# Series 300 / 7000, Automatic Transfer Switch (ASCO)

7000/300 Series Power Transfer Switches are available open or enclosed, in ampacities ranging from 30 through 4000 amps (LV) & 1200 through 3000A (MV) with the largest selection of optional accessories offered anywhere. All switching configurations (OTTS, DTTS, CTTS) are available with an integrally mounted bypass-isolation switch.



Open/Closed/Delayed Transition with Bypass



Open/Closed/Delayed Transition Switch



UL /ANSI – 2 Section Medium Voltage ATS



IEC Design – 3 Section Medium Voltage ATS

# Series 300 / 7000, Automatic Transfer Switch (ASCO)

Frame	Rating(A)	Controller Type	Reference Number (4P, Overlapping Neutral)	Unit MRP [₹]	Controller Type	Reference Number (4P, Overlapping Neutral)	Unit MRP [₹]
D	30	Series 7000 Group 5 Controller	D07ATSC30030K500	On Request	Series 300 Group G Controller	D03ATSC30030KG00	On Request
	70		D07ATSC30070K500	On Request		D03ATSC30070KG00	On Request
	104		D07ATSC30100K500	On Request		D03ATSC30104KG00	On Request
	150		D07ATSC30150K500	On Request		D03ATSC30150KG00	On Request
	200		D07ATSC30200K500	On Request		D03ATSC30200KG00	On Request
J	230		D07ATSC30230K500	On Request		D03ATSC30230KG00	On Request
	260		J07ATSC30260K500	On Request		J03ATSC30260KG00	On Request
	400		J07ATSC30400K500	On Request		J03ATSC30400KG00	On Request
	600		J07ATSC30600K500	On Request		J03ATSC30600KG00	On Request
H	800		H07ATSC30800K500	On Request		H03ATSC30800KG00	On Request
	1000		H07ATSC31000K500	On Request		H03ATSC31000KG00	On Request
	1200		H07ATSC31200K500	On Request		H03ATSC31200KG00	On Request
G	1600		G07ATSC31600K500	On Request		G03ATSC31600KG00	On Request
	2000		G07ATSC32000K500	On Request		G03ATSC32000KG00	On Request
	2600		G07ATSC32600K500	On Request		G03ATSC32600KG00	On Request
	3000		G07ATSC33000K500	On Request		G03ATSC33000KG00	On Request
	3200		G07ATSC33200K500	On Request		G03ATSC33200KG00	On Request
G	4000		G7ATSC34000K5X40RM	On Request		Not Available	Not Available

- UL 1008 Listed for Highest Performance
- Fast & Consistent Transfer (Less than 100ms)
- Single Solenoid True Double throw Design
- Withstanding & Closing On Fault Currents (WCR)
- Neutral Overlap to eliminate Voltage Transients
- In-Phase Monitor to avoid Motor Inrush current
- Engine Start/Stop, AMF Logic & Time Delay Setting
- Programmable Daily/Weekly Engine Exerciser
- 4 Line LCD + LED Display
- 99 Events Log & Diagnostics with Date/Time
- Statistical ATS System Monitoring Information
- Communication Compatible (Modbus/Ethernet)

- Price of 2P, 3P & 4P with solid neutral / Switched Neutral available on request
- ATS with stand alone Type Tested NEMA Enclosure available on request
- For Series 7000 Close Transition, Bypass Option & Medium Voltage ATS offer please contact nearest Sales Office

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



NORMAL STOCK ITEMS




W.E.F. June 1, 2021

# Series 230, Automatic Transfer Switch (ASCO)

- Confirming to IEC 60947-6-1
- Built-in Microprocessor controller
- Utilization Category AC-32A & AC-33B
- Mechanical Endurance : 10,000 cycles across all ratings.
- Highest short circuit withstand current with CB back-up protection.
- Fire control input signal
- 3rd party type tested for entire range.



Frame	Rating(Amp)	Controller Type	Reference Number	Unit MRP [₹]	Poles
	16	<b>C300</b>  • Under/Over Voltage • Under/Over Frequency • Time Delay • Engine start/stop • RS485 Port (optional) • LED Display	A2ADTLB30016KB	34500	4P
	32		A2ADTLB30032KB	34750	
	63		A2ADTLB30063KB	36250	
	80		A2ADTLB30080KB	38150	

Frame	Rating (Amp)	Controller Type	Reference Number	Unit MRP [₹]	Controller Type	Reference Number	Unit MRP [₹]	Poles
	100	<b>C1000</b> 	B2ADTLB30100KD	47850	<b>C2000</b> 	B2ADTLB30100KE	76850	4P
	125		B2ADTLB30125KD	48575		B2ADTLB30125KE	77575	
	160		B2ADTLB30160KD	54375		B2ADTLB30160KE	83375	
C2ADTL	200	C2ADTLB30200KD	85300	C2ADTLB30200KE	114300			
	225	C2ADTLB30225KD	90600	C2ADTLB30225KE	119600			
	250	C2ADTLB30250KD	92900	C2ADTLB30250KE	121900			
D2ADTL	315	• Under/Over Voltage • Under/Over Frequency • Time Delay Engine start/stop • LED Display • RS485 Port (optional)	D2ADTLB30315KD	101750	• Under/Over Voltage • Under/Over Frequency • Phase Rotation • Voltage Unbalance • Time Delay • Engine start/stop • LED + LCD Display • RS485 Port Standard • Event Logging • Priority Source Swapping	D2ADTLB30315KE	130750	
	400		D2ADTLB30400KD	110800		D2ADTLB30400KE	139800	
E2ADTL	500	E2ADTLB30500KD	141375	E2ADTLB30500KE	170375			
	630	E2ADTLB30630KD	148625	E2ADTLB30630KE	177625			
	800	E2ADTLB30800KD	189600	E2ADTLB30800KE	218600			

\* For 2P (A2ADTL) & 3P ATS, please contact us.

## Series 230 Accessories

### 72 D

C300 or C1000 Controller with RS-485 Interface. A RS 485 interface installed in the C300 or C1000 controller to enable serial communications, supporting MODBUS protocol. This accessory can only be installed in the factory. Use accessory code 72D when ordering this function



4 Pole Bridging Busbar



Auxiliary Contact



72 D

Accessory Type	Description	Reference Number	Unit MRP [₹]
LAP1F100	Aux.Contact (NO)	972970	725
LAP1F010	Aux.Contact (NC)	972970-001	725
132JC	4P Bridging Busbar for B2ADTL Frame	972971-002	On Request
72D	Modbus communication Port	On Request	On Request

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

NORMAL STOCK ITEMS

W.E.F. June 1, 2021









Life Is On

**Schneider**  
Electric

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### New Delhi

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New Delhi - 110064  
Tel.: 011-61317400

### Bhubaneswar

Schneider Electric India (P) Ltd.  
Workloop Co-Working in the property  
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### Mohali

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Schneider Electric India (P) Ltd.  
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Notus IT Park, 10<sup>th</sup> Floor, Block-D  
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Vadodara, Gujarat - 390017

### Cochin

Schneider Electric India (P) Ltd.  
Alapatt Properties Private Limited  
(Trade Name : Centre A)  
Main Door Number : 66/4971  
(Old Door Number: 40/6584-H)  
7<sup>th</sup> Floor Alapatt Heritage Building  
MG Road Kochi - 682035

### Kolkata

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### Customer Care Centre

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Toll-free numbers: 1800 419 4272, 1800 103 0011

Email: [customercare.in@schneider-electric.com](mailto:customercare.in@schneider-electric.com)

For more information, visit our website at: [www.se.com/in](http://www.se.com/in)

- All Prices are in Indian Rupees.
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- Product evolution is a continuous process and Schneider Electric reserves the right to modify/withdraw any product at any time without prior notice.
- Prices charged will be as prevailing on the date of dispatch.
- Maximum Retail Price (MRP) is inclusive of all taxes.
- Tax incidence on invoices is basis applicable GST rates. Invoice amount not to exceed MRP

Distributor