

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



The Benchmark for Power Circuit Breakers around the world

MasterPact NT/NW

LV power circuit breakers 630 to 6300 A



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".



Measurements and programmable protection

- I_1, I_2, I_3, I_N , earth-fault, earth-leakage and maximeter for these measurements
- fault indications
- settings in amperes and in seconds.
- calculates the current demand value
- "Quickview" function for the automatic cyclical display of the most useful values (as standard or by selection).

P: E + power meter + programmable protection

- measurements of V, A, W, VAR, VA, Wh, VARh, VAh, Hz, Vpeak, Apeak, power factor and maximeters and minimeters
- IDMTL long-time protection, minimum and maximum voltage and frequency, voltage and current imbalance, phase sequence, reverse power
- load shedding and reconnection depending on power or current
- measurements of interrupted currents, differentiated fault indications,
- maintenance indications, event histories and time-stamping, etc.

H: P + harmonics

- power quality: fundamentals, distortion, amplitude and phase of harmonics up to the 31st order
- waveform capture after fault, alarm or on request
- enhanced alarm programming: thresholds and actions.

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

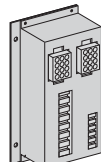
This Kit comprises of :

- 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 NW EDO type with BA 415VAC controller	INA_NWDOB4 <input checked="" type="checkbox"/>	236210
ATS Kit for MasterPact NW EDO type with UA 415VAC controller	INA_NWDOU4 <input checked="" type="checkbox"/>	300120

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

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

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 (except for 4000A)

ET/ETA/ETV Trip System

A step towards intelligent Electrical Distribution Network



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

EasyPact ACB CommunicationModule



Connect



Control



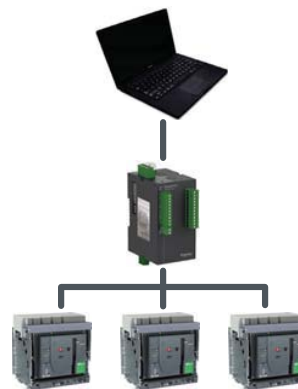
Manage

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	16410

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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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	263350	MVS08N3NW6L	340390	MVS08N4MW6L	330550	MVS08N4NW6L	407590
1000	MVS10N3MW6L	276670	MVS10N3NW6L	353710	MVS10N4MW6L	346310	MVS10N4NW6L	423350
1250	MVS12N3MW6L	308050	MVS12N3NW6L	385090	MVS12N4MW6L	383570	MVS12N4NW6L	460610
1600	MVS16N3MW6L	350120	MVS16N3NW6L	427160	MVS16N4MW6L	427200	MVS16N4NW6L	504240
2000	MVS20N3MW6L	481870	MVS20N3NW6L	558910	MVS20N4MW6L	591780	MVS20N4NW6L	668820
2500	MVS25N3MW6L	595720	MVS25N3NW6L	672760	MVS25N4MW6L	723910	MVS25N4NW6L	800950
3200	MVS32N3MW6L	720250	MVS32N3NW6L	797290	MVS32N4MW6L	883130	MVS32N4NW6L	960170
4000	MVS40N3MW6L	880900	MVS40N3NW6L	957940	MVS40N4MW6L	1131640	MVS40N4NW6L	1208680

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*
Switch Disconnector version (without trip unit)	Reduce	₹19300	Example : ACB reference with ET6G trip unit - MVS08N3MW6L. For switch disconnector reference replace 6L by 0D i.e MVS08N3MW0D
ACB with ET6A trip unit (LCD display with Current Metering)	Add	₹9200	Example : ACB reference with ET6G trip unit - MVS08N3MW6L. For ACB reference with ET6A trip unit replace 6L by 6A i.e MVS08N3MW6A
ACB with ET6V trip unit (LCD display with Current Metering & Voltage Metering and Last 10 Trip History)	Add	₹21200	Example : ACB reference with ET6G trip unit - MVS08N3MW6L. For ACB reference with ET6V trip unit replace 6L by 6V i.e MVS08N3MW6V

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

Note:

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

- Top and Bottom horizontal terminations.
 - 1 No. Electrical fault indication Contact (SDE).
 - No. Auxiliary contact block (OF) with 4 C/O contacts.
 - Safety shutters on Chassis & door sealing frame- Escutcheon (CDP).
- All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) & shunt release (MX)
 - 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.
 - The product label on all electrical operated breakers may have different reference number than above printed however both references will have same functionalities. For example
 - MVS08N3NW6L can be represented as MVS08N3EW6L
 - MVS08N3NF6L can be represented as MVS08N3EF6L

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

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

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	255950	MVS08N3NW2L	332990	MVS08N4MW2L	323150	MVS08N4NW2L	400190
1000	MVS10N3MW2L	269270	MVS10N3NW2L	346310	MVS10N4MW2L	338910	MVS10N4NW2L	415950
1250	MVS12N3MW2L	300650	MVS12N3NW2L	377690	MVS12N4MW2L	376170	MVS12N4NW2L	453210
1600	MVS16N3MW2L	342720	MVS16N3NW2L	419760	MVS16N4MW2L	419800	MVS16N4NW2L	496840
2000	MVS20N3MW2L	474470	MVS20N3NW2L	551510	MVS20N4MW2L	584380	MVS20N4NW2L	661420
2500	MVS25N3MW2L	588320	MVS25N3NW2L	665360	MVS25N4MW2L	716510	MVS25N4NW2L	793550
3200	MVS32N3MW2L	712850	MVS32N3NW2L	789890	MVS32N4MW2L	875730	MVS32N4NW2L	952770
4000	MVS40N3MW2L	873500	MVS40N3NW2L	950540	MVS40N4MW2L	1124240	MVS40N4NW2L	1201280

EasyPact MVS Draw out ACB

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

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

Note:

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

- Top and Bottom horizontal terminations.
 - 1 No. Electrical fault indication Contact (SDE).
 - 1 No. Auxiliary contact block (OF) with 4 C/O contacts.
 - Safety shutters on Chassis & door sealing frame- Escutcheon (CDP).
- All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) & shunt release (MX).
 - External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price.
 - Any other accessories are optional at extra price.
 - The product label on all electrical operated breakers may have different reference number than above printed however both references will have same functionalities. For example
 - MVS08N3NW6L can be represented as MVS08N3EW6L
 - MVS08N3NF6L can be represented as MVS08N3EF6L

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

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

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

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

Rating in (A)	3P Fix Manual Reference	Unit MRP [₹]	3P Fix Electrical Reference	Unit MRP [₹]	4P Fix Manual Reference	Unit MRP [₹]	4P Fix Electrical Reference	Unit MRP [₹]
800	MVS08N3MF6L	196380	MVS08N3NF6L	273420	MVS08N4MF6L	249680	MVS08N4NF6L	326720
1000	MVS10N3MF6L	214970	MVS10N3NF6L	292010	MVS10N4MF6L	271170	MVS10N4NF6L	348210
1250	MVS12N3MF6L	247080	MVS12N3NF6L	324120	MVS12N4MF6L	308690	MVS12N4NF6L	385730
1600	MVS16N3MF6L	274260	MVS16N3NF6L	351300	MVS16N4MF6L	354520	MVS16N4NF6L	431560
2000	MVS20N3MF6L	362820	MVS20N3NF6L	439860	MVS20N4MF6L	474160	MVS20N4NF6L	551200
2500	MVS25N3MF6L	442320	MVS25N3NF6L	519360	MVS25N4MF6L	558820	MVS25N4NF6L	635860
3200	MVS32N3MF6L	633160	MVS32N3NF6L	710200	MVS32N4MF6L	781210	MVS32N4NF6L	858250
4000	MVS40N3MF6L	779720	MVS40N3NF6L	856760	MVS40N4MF6L	977530	MVS40N4NF6L	1054570

EasyPact MVS Fix ACB

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

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

Note:

All Fix type circuit breakers will be supplied with:

- horizontal / vertical terminal
 - 1 No. Electrical fault indication Contact (SDE).
 - 1 No. Auxiliary contact block (OF) with 4 C/O contacts.
 - door sealing frame- Escutcheon (CDP).
- All switch disconnectors are without protection
 - All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) & shunt release (MX).
 - External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price.
 - Any other accessories are optional at extra price.
 - The product label on all electrical operated breakers may have different reference number than above printed however both references will have same functionalities. For example
 - MVS08N3NW6L can be represented as MVS08N3EW6L
 - MVS08N3NF6L can be represented as MVS08N3EF6L

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

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

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

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

Rating in (A)	3P Fix Manual Reference	Unit MRP [₹]	3P Fix Electrical Reference	Unit MRP [₹]	4P Fix Manual Reference	Unit MRP [₹]	4P Fix Electrical Reference	Unit MRP [₹]
800	MVS08N3MF2L	188980	MVS08N3NF2L	266020	MVS08N4MF2L	242280	MVS08N4NF2L	319320
1000	MVS10N3MF2L	207570	MVS10N3NF2L	284610	MVS10N4MF2L	263770	MVS10N4NF2L	340810
1250	MVS12N3MF2L	239680	MVS12N3NF2L	316720	MVS12N4MF2L	301290	MVS12N4NF2L	378330
1600	MVS16N3MF2L	266860	MVS16N3NF2L	343900	MVS16N4MF2L	347120	MVS16N4NF2L	424160
2000	MVS20N3MF2L	355420	MVS20N3NF2L	432460	MVS20N4MF2L	466760	MVS20N4NF2L	543800
2500	MVS25N3MF2L	434920	MVS25N3NF2L	511960	MVS25N4MF2L	551420	MVS25N4NF2L	628460
3200	MVS32N3MF2L	625760	MVS32N3NF2L	702800	MVS32N4MF2L	773810	MVS32N4NF2L	850850
4000	MVS40N3MF2L	772320	MVS40N3NF2L	849360	MVS40N4MF2L	970130	MVS40N4NF2L	1047170

EasyPact MVS Fix ACB

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

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

Note:

All Fix type circuit breakers will be supplied with:

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

- All switch disconnectors are without protection
- All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) & shunt release (MX).
- External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price.
- Any other accessories are optional at extra price.
- The product label on all electrical operated breakers may have different reference number than above printed however both references will have same functionalities. For example
 - MVS08N3NW6L can be represented as MVS08N3EW6L
 - MVS08N3NF6L can be represented as MVS08N3EF6L

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NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Component	Specification	Reference	Unit MRP ₹	
Gear Motor (MCH)				
AC 50/60 Hz	100/130 V	47893	59740	
	200/240 V	47894 <input checked="" type="checkbox"/>	59740	
	380/415 V	47896	59740	
DC	24/30 V	47888	59740	
	48/60 V	47889	59740	
	100/125 V	47890	59740	
	200/250 V	47891	59740	
Closing Release (XF)				
AC 50/60 Hz DC	24/30 V DC	33659	8690	
	48/60 V DC	33660	8690	
	100/130 V AC/DC	MVS15511 <input checked="" type="checkbox"/>	8690	
	200/250 V AC/DC	MVS15512 <input checked="" type="checkbox"/>	8690	
	380/480 V AC	MVS15513	8690	
Opening Release (MX)				
AC 50/60 Hz DC	24/30 V DC, 24 V AC	33659	8690	
	48/60 V DC, 48 V AC	33660	8690	
	100/130 V AC/DC	33661 <input checked="" type="checkbox"/>	8630	
	200/250 V AC/DC	33662 <input checked="" type="checkbox"/>	8690	
	380/480 V AC	33664 <input checked="" type="checkbox"/>	8690	
Terminal Block				
For drawout circuit breaker		47849	320	
Under Voltage Release (MN)				
AC 50/60 Hz DC	24/30 V DC, 24 V AC	33668	8690	
	48/60 V DC, 48 V AC	33669	8690	
	100/130 V AC/DC	33670 <input checked="" type="checkbox"/>	8690	
	200/250 V AC/DC	33671 <input checked="" type="checkbox"/>	8690	
	380/480 V AC	33673 <input checked="" type="checkbox"/>	8690	
MN Delay Unit				
AC 50/60 Hz DC	48/60 V AC/DC	Rr (adjustable)	33680	12650
	100/130 V AC/DC	Rr (adjustable)	33681	12650
	200/250 V AC/DC	Rr (adjustable)	33682	12650
	380/480 V AC/DC	Rr (adjustable)	33683	12650
	100/130 V AC/DC	R (non-adjustable)	33684	11780
	200/250 V AC/DC	R (non-adjustable)	33685 <input checked="" type="checkbox"/>	11780
ON/OFF Indication Contacts (Additional OF contact)				
1 additional block of 4 contacts		47887	7660	
Door Interlock (VPECD)/1 part				
On right hand side of chassis		47914 <input checked="" type="checkbox"/>	4170	
Operation Counter				
Operation Counter CDM		48535	11860	

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

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Easy Series

EasyPact™ MVS T3 at 1140V AC

LV air circuit breakers
from 800 to 4000A
fixed and drawout version



se.com/in

Life Is On

Schneider
Electric

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



- 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	217720	SPS08F3PEW6L	273300	SPS08F4PMW6L	273010	SPS08F4PEW6L	328600
1000	SPS10F3PMW6L	229220	SPS10F3PEW6L	285070	SPS10F4PMW6L	290200	SPS10F4PEW6L	346060
1250	SPS12F3PMW6L	256390	SPS12F3PEW6L	312220	SPS12F4PMW6L	326990	SPS12F4PEW6L	382840
1600	SPS16F3PMW6L	289220	SPS16F3PEW6L	345080	SPS16F4PMW6L	370130	SPS16F4PEW6L	425990

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	215250	SPS08F3PEW2B	270830	SPS08F4PMW2B	270550	SPS08F4PEW2B	326130
1000	SPS10F3PMW2B	226740	SPS10F3PEW2B	282570	SPS10F4PMW2B	287730	SPS10F4PEW2B	343560
1250	SPS12F3PMW2B	253910	SPS12F3PEW2B	309750	SPS12F4PMW2B	324520	SPS12F4PEW2B	380360
1600	SPS16F3PMW2B	286750	SPS16F3PEW2B	342590	SPS16F4PMW2B	367660	SPS16F4PEW2B	423510

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	198230	SPS08F3PEW0D	253800	SPS08F4PMW0D	253530	SPS08F4PEW0D	309110
1000	SPS10F3PMW0D	209630	SPS10F3PEW0D	265480	SPS10F4PMW0D	270610	SPS10F4PEW0D	326470
1250	SPS12F3PMW0D	236810	SPS12F3PEW0D	292630	SPS12F4PMW0D	307410	SPS12F4PEW0D	363260
1600	SPS16F3PMW0D	269640	SPS16F3PEW0D	325490	SPS16F4PMW0D	350560	SPS16F4PEW0D	406410

Note:

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

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

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

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

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



- 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	167230	SPS08F3PEF6L	222820	SPS08F4PMF6L	203320	SPS08F4PEF6L	258910
1000	SPS10F3PMF6L	176920	SPS10F3PEF6L	232760	SPS10F4PMF6L	219360	SPS10F4PEF6L	275210
1250	SPS12F3PMF6L	203980	SPS12F3PEF6L	259830	SPS12F4PMF6L	254490	SPS12F4PEF6L	310340
1600	SPS16F3PMF6L	236210	SPS16F3PEF6L	292060	SPS16F4PMF6L	290930	SPS16F4PEF6L	346780

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	164770	SPS08F3PEF2B	220350	SPS08F4PMF2B	200860	SPS08F4PEF2B	256430
1000	SPS10F3PMF2B	174430	SPS10F3PEF2B	230290	SPS10F4PMF2B	216880	SPS10F4PEF2B	272720
1250	SPS12F3PMF2B	201500	SPS12F3PEF2B	257360	SPS12F4PMF2B	252010	SPS12F4PEF2B	307860
1600	SPS16F3PMF2B	233720	SPS16F3PEF2B	289570	SPS16F4PMF2B	288460	SPS16F4PEF2B	344290

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	147750	SPS08F3PEF0D	203330	SPS08F4PMF0D	183820	SPS08F4PEF0D	239410
1000	SPS10F3PMF0D	157340	SPS10F3PEF0D	213170	SPS10F4PMF0D	199780	SPS10F4PEF0D	255630
1250	SPS12F3PMF0D	184410	SPS12F3PEF0D	240240	SPS12F4PMF0D	234910	SPS12F4PEF0D	290770
1600	SPS16F3PMF0D	216630	SPS16F3PEF0D	272480	SPS16F4PMF0D	271340	SPS16F4PEF0D	327200

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 ₹
Gear Motor (MCH)			
AC 50/60 Hz	100/130 V	33176	59740
AC 50/60 Hz	200/240 V	33177	59740
AC 50/60 Hz	277/415 V	33179	59740
DC	24/30 V	33185	59740
DC	48/60 V	33186	59740
DC	100/125 V	33187	59740
DC	200/250 V	33188	59740
Terminal Block			
For Fixed circuit breaker		47074	370
For Drawout circuit breaker		33098	370
ON/OFF Indication contacts (OF) 1Part			
Changeover contact 6A	240V	47076	1550
Ready to close contact			
Changeover contact 5A	240V	47080	3960
Door interlock (VPECD)/1 part			
Right side of chassis		33172	5960

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

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024