

# Product datasheet

Specifications



## Circuit breaker, EasyPact MVS, 3 Poles, 2500A, 65kA, MF, ET6, fixed, manual

MVS25H3MF6L

### Main

Range	EasyPact
product name	MVS25H
Device short name	MVS25H
Product or component type	Circuit breaker
Device application	Distribution
Poles description	3P
Protected poles description	3P 3d
[In] rated current	2500 A at 40 °C
network type	AC
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity code	H
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category B
Trip unit name	ET6G
Trip unit technology	Electronic
Trip unit rating	2500 A

### Complementary

Network frequency	50/60 Hz
control type	Manually operated
Mounting mode	Fixed
Mounting support	Base plate Rail
Connection position	Horizontal Vertical
Location of connection	Rear
[Ui] rated insulation voltage	1000 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	12 kV conforming to IEC 60947-2
Circuit breaker CT rating	2500 A
Breaking capacity	65 kA Icu at 220...440 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	65 kA (Ics) at 220...440 V AC 50/60 Hz conforming to IEC 60947-2 50 kA (Ics) at 690 V AC 50/60 Hz conforming to IEC 60947-2

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

<b>Mechanical durability</b>	20000 cycles (with maintenance) conforming to IEC 60947-2 10000 cycles (without maintenance) conforming to IEC 60947-2
<b>Electrical durability</b>	Category B: 5000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 Category B: 2500 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2
<b>Connection pitch</b>	115 mm without spreader
<b>Contact position indicator</b>	Yes
<b>[Icm] rated short-circuit making capacity</b>	143 kA (Icm) at 220...440 V AC 50/60 Hz conforming to IEC 60947-2
<b>[Icw] rated short-time withstand current</b>	65 kA (1 s) at 220...440 V AC 50/60 Hz conforming to IEC 60947-2 50 kA (1 s) at 690 V AC 50/60 Hz conforming to IEC 60947-2 50 kA (3 s) at 440/690 V AC 50/60 Hz conforming to IEC 60947-2
<b>Trip unit protection functions</b>	LSIG
<b>Protection type</b>	Short time short-circuit protection Earth fault Overload protection (long time) Instantaneous short-circuit protection
<b>Fault indication</b>	Internal fault Short-circuit Earth fault Overload
<b>Long time pick-up adjustment type Ir</b>	Adjustable 9 settings
<b>Long time pick-up adjustment range</b>	0.4...1 x In
<b>Long time delay adjustment type</b>	Adjustable 9 settings
<b>[tr] long-time delay adjustment range</b>	0.5...24 s at 6 x Ir
<b>Short-time pick-up adjustment type Isd</b>	Adjustable 9 settings
<b>[Isd] short-time pick-up adjustment range</b>	1.5...10 x Ir
<b>Short-time delay adjustment type</b>	Adjustable 5 settings
<b>[tsd] short-time delay adjustment range</b>	100...400 ms
<b>Instantaneous pick-up adjustment type Ii</b>	Adjustable 9 settings
<b>Instantaneous pick-up adjustment range</b>	2...15 x In Off
<b>Ground-fault pick-up adjustment type</b>	Adjustable 9 settings
<b>Ground-fault time delay adjustment type -tg</b>	Adjustable 5 settings
<b>[tg] ground-fault time delay adjustment range</b>	100...400 ms
<b>[Ig] ground-fault pick-up adjustment range</b>	500...1200 A
<b>Zone selective interlocking ZSI</b>	With
<b>Current sensor rating range</b>	1000/4000 A
<b>Maximum breaking time</b>	25 ms
<b>Maximum closing response time</b>	70 ms
<b>Height</b>	352 mm
<b>Width</b>	422 mm
<b>Depth</b>	297 mm
<b>Net weight</b>	60 kg

## Environment

Standards	IEC 60947-2
Product certifications	CCS CCC GOST IEC
Pollution degree	4 conforming to IEC 60664-1
IP degree of protection	IP40
Ambient air temperature for operation	-5...70 °C
Ambient air temperature for storage	-40...85 °C without control unit -25...85 °C with control unit

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	42.0 cm
Package 1 Width	35.0 cm
Package 1 Length	50.0 cm
Package 1 Weight	38.0 kg

## Contractual warranty

Warranty	18 months
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# Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

## Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	3558
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Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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## Use Better

### Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	No
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EU RoHS Directive	Compliant with Exemptions
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SCIP Number	3f2d539a-6ab5-46aa-8603-9354f4ae3294
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REACH Regulation	<a href="#">REACH Declaration</a>
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China RoHS Regulation	<a href="#">China RoHS declaration</a>
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PVC free	Yes
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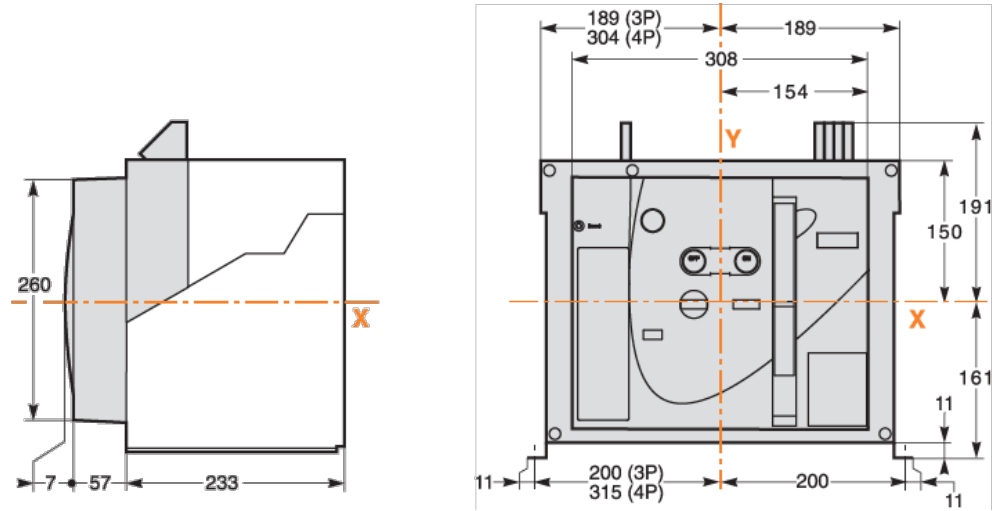
## Use Again

### Repack and remanufacture

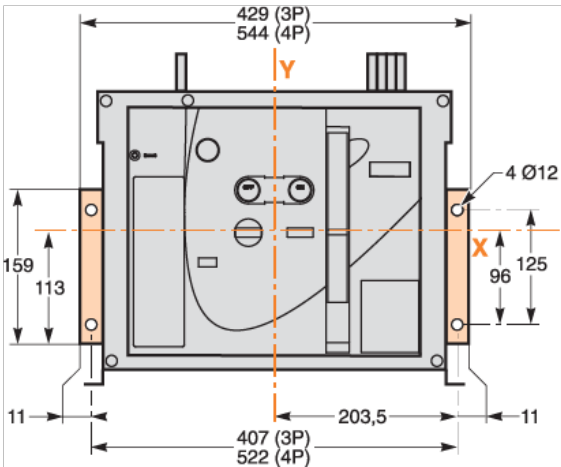
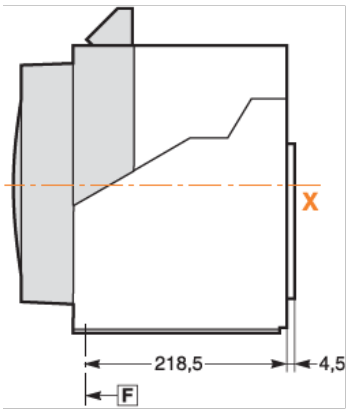
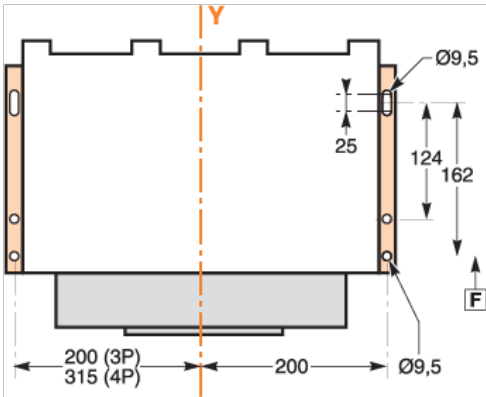
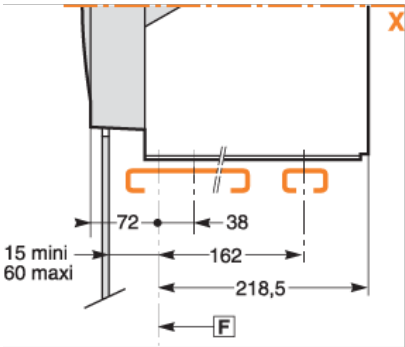
Take-back

No

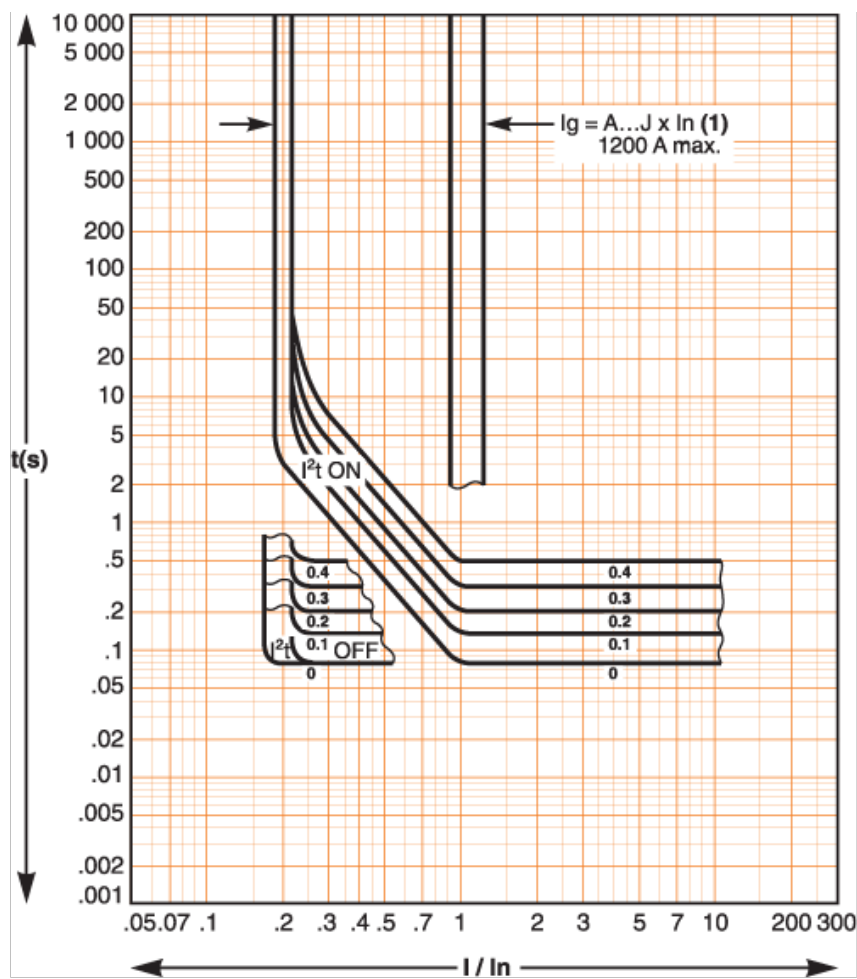
Dimensions Drawings



Assembly



Performance Curves



(1)

$I_g = I_n \times \dots$	A	B	C	D	E	F	G	H	J
$I_n \leq 400\text{ A}$	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
$400\text{ A} < I_n \leq 1000\text{ A}$	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
$I_n \geq 1250\text{ A}$	500	640	720	800	880	960	1040	1120	1200





lg = ln x...	A	B	C	D	E	F	G	H	J
ln ≤ 400 A	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
400 A < ln ≤ 1000 A	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
ln ≥ 1250 A	500	640	720	800	880	960	1040	1120	1200

Offer Marketing Illustration

Product benefits / Features

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EasyPact MVS  
Range Accessories



Pre-wired  
terminal block



Auxiliary  
contact



Protection  
relays



Fault protection



Time delay relay



Locking accessories

Offer Marketing Illustration

Product benefits / Features

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A photograph of an EasyPact MVS circuit breaker, a large industrial electrical device with a grey metal frame and a black front panel. It features a red emergency stop button and a green start button. The device is shown from a three-quarter perspective, highlighting its robust construction and terminal block on top.

### EasyPact MVS

#### Technical Benefits

- Single frame size from 800 to 4000 A.
- Voltage rating up to 690 V AC.
- Complete selectivity assures electrical system protective coordination, reliability, and continuity of service.
- Compliance with international standard IEC 60947-2 for breakers and IEC 60947-3 for disconnectors.
- Electronic MicroLogic control unit, integrating current and voltage monitoring.
- Optimized range of field-installable auxiliaries and accessories.

Offer Marketing Illustration

Product benefits / Features

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### EasyPact MVS

LV air circuit breaker



#### General applications

Ideal level of capability for your installations from 800 to 4000 A, while offering the durability and ease of use needed for most applications.



#### Optimized safety

Ensures safety with ready-to-close contact, multiple locking options, and safety shutters.



#### Cost-effective

Get the performance you need at a cost effective investment without compromising quality.



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Offer Marketing Illustration

Product benefits / Features



## EasyPact MVS

### Technical Specifications

<b>Protection No.</b> 2 LI Protection 5 LSI Protection 6 LSIG Protection 0 No Protection for switch disconnecter	<b>Type</b> L Basic Protection A Protection + Current metering V Protection + Energy metering D Switch Disconnecter	
<b>Type of Installation</b> F Fixed W Withdrawable/drawout	<b>Current rating</b> 630A 800A 1000A 1250A 1600A 2000A 2500A 3200A 4000A	<b>Operating mechanism</b> Manually operated ACB/SD Electrical 200/240 VAC Electrical 110/130 VAC Electrical 380/415 VAC Electrical 200/250 VDC Electrical 100/125 VDC Electrical 48/60V DC Electrical 24/30V DC
<b>Number of poles</b> 3P 3 Poles 4P 4 Poles		