Product datasheet

Specifications





Circuit breaker, EasyPact MVS, 2500A, 65KA, 4 Poles, MDO, ET2I

MVS25H4MW2L

Main

EasyPact
MVS25H
MVS25H
Circuit breaker
Distribution
4P
4P 4d
2500 A at 40 °C
AC
690 V AC 50/60 Hz conforming to IEC 60947-2
н
Yes conforming to IEC 60947-2
Category B
ET2I
Electronic
2500 A

Complementary

Network frequency	50/60 Hz
Control type	Manually operated
Mounting mode	Drawout
Mounting support	Base plate Rail
Connection position	Vertical Horizontal
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 220440 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	65 kA (Ics) at 220440 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

Mechanical durability	20000 cycles (with maintenance) conforming to IEC 60947-2
	10000 cycles (without maintenance) conforming to IEC 60947-2
Electrical durability	Category B: 5000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2
	Category B: 5000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2
Connection pitch	115 mm without spreader
Contact position indicator	Yes
[Icm] rated short-circuit making capacity	143 kA (Icm) at 220440 V AC 50/60 Hz conforming to IEC 60947-2 105 kA (Icm) at 690 V AC 50/60 Hz conforming to IEC 60947-2
[Icw] rated short-time withstand current	65 kA (1 s) at 220440 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
Trip unit protection functions	LSI
Protection type	Instantaneous short-circuit protection Overload protection (long time) Short time short-circuit protection
Long time pick-up adjustment type Ir	Adjustable 9 settings
Long time pick-up adjustment range	0.41 x ln
Long time delay adjustment type	Adjustable 9 settings
[tr] long-time delay adjustment range	0.524 s at 6 x lr
Thermal memory	20 minutes before and after tripping
Short-time pick-up adjustment type Isd	Adjustable 9 settings
[Isd] short-time pick-up adjustment range	1.510 x lr
Short-time delay adjustment type	Adjustable 5 settings
[tsd] short-time delay adjustment range	100400 ms
Instantaneous pick-up adjustment type li	Adjustable 9 settings
Instantaneous pick-up adjustment range	215 x In Off
Zone selective interlocking ZSI	With
Maximum breaking time	25 ms
Maximum closing response time	70 ms
Height	439 mm
Width	556 mm
Depth	395 mm
Net weight	120 kg

Environment

Standards	IEC 60947-2
Product certifications	IEC EAC
Pollution degree	4 conforming to IEC 60664-1
IP degree of protection	IP40
Ambient air temperature for operation	-570 °C
Ambient air temperature for storage	-4085 °C without control unit -2585 °C with control unit

Packing Units

-	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	43.9 cm
Package 1 Width	55.6 cm
Package 1 Length	39.5 cm
Package 1 Weight	120 kg

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Yes

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance



Rohs Exemption Information

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Product benefits / Features



Product benefits / Features



6

Product benefits / Features









Pre-wired terminal block

Auxiliary contact

100

EasyPact MVS Range Accessories

Protection relays



Fault protection

Time delay relay

Locking accessories

Product benefits / Features

