

# Product datasheet

Specifications



## Circuit breaker, EasyPact MVS, 2000A, 65KA, 4 Poles, MF, ET2I

MVS20H4MF2L

### Main

Range	EasyPact
Product Name	MVS20H
Device Short Name	MVS20H
Product Or Component Type	Circuit breaker
Device Application	Distribution
Poles Description	4P
Protected Poles Description	4P 4d
[In] Rated Current	2000 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	ET2I
Trip Unit Technology	Electronic
Trip Unit Rating	2000 A

### Complementary

Network Frequency	50/60 Hz
Control Type	Manually operated
Mounting Mode	Fixed
Mounting Support	Base plate Rail
Connection Position	Vertical Horizontal
Location Of Connection	Rear
[Uij] 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	2000 A
Breaking Capacity	65 kA Icu at 220...440 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 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

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

<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: 5000 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 60947-2 105 kA (Icm) at 690 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>	LSI
<b>Protection Type</b>	Instantaneous short-circuit protection Overload protection (long time) Short time short-circuit protection
<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>Thermal Memory</b>	20 minutes before and after tripping
<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>Zone Selective Interlocking Zsi</b>	With
<b>Maximum Breaking Time</b>	25 ms
<b>Maximum Closing Response Time</b>	70 ms
<b>Height</b>	352 mm
<b>Width</b>	537 mm
<b>Depth</b>	297 mm
<b>Net Weight</b>	50 kg

## Environment

<b>Standards</b>	IEC 60947-2
<b>Product Certifications</b>	IEC EAC
<b>Pollution Degree</b>	4 conforming to IEC 60664-1
<b>Ip Degree Of Protection</b>	IP40
<b>Ambient Air Temperature For Operation</b>	-5...70 °C

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Ambient Air Temperature For Storage	-40...85 °C without control unit
	-25...85 °C with control unit

## Packing Units

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Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	35.2 cm
Package 1 Width	53.7 cm
Package 1 Length	29.7 cm
Package 1 Weight	80 kg

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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

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

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Mercury Free

Rohs Exemption Information [Yes](#)

Pvc Free

## 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](#)