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	Н
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
[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	2000 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

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

20000 cycles (with maintenance) conforming to IEC 60947-2
10000 cycles (without maintenance) conforming to IEC 60947-2
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
115 mm without spreader
Yes
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
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
LSI
Instantaneous short-circuit protection Overload protection (long time) Short time short-circuit protection
Adjustable 9 settings
0.41 x In
Adjustable 9 settings
0.524 s at 6 x lr
20 minutes before and after tripping
Adjustable 9 settings
1.510 x lr
Adjustable 5 settings
100400 ms
Adjustable 9 settings
215 x ln Off
With
25 ms
70 ms
352 mm
537 mm
297 mm

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

-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	35.2 cm
Package 1 Width	53.7 cm
Package 1 Length	29.7 cm
Package 1 Weight	80 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.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance



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