

# Product data sheet

Specifications



switch disconnecter, EasyPact MVS,  
2000A, 50kA, 3 Poles, MF, W/O,  
PROT, fixed manual

MVS20N3MF0D

## Main

Range Of Product	EasyPact MVS
Range	EasyPact
Product Name	MVS20NA
Device Short Name	MVS20NA
Product Or Component Type	Switch disconnecter
Device Application	Distribution
Poles Description	3P
Network Type	AC
Suitability For Isolation	Yes conforming to IEC 60947-2
Utilisation Category	AC-23A

## Complementary

Network Frequency	50/60 Hz
Control Type	Manually operated
Mounting Mode	Fixed
Mounting Support	Rail Base plate
Connection Position	Vertical Horizontal
Location Of Connection	Rear
[Ie] Rated Operational Current	AC-23A: 2000 A AC 50/60 Hz 690 V
Rated Duty	Continuous
[Ui] Rated Insulation Voltage	1000 V AC 50/60 Hz conforming to IEC 60947-3
[Uimp] Rated Impulse Withstand Voltage	12 kV conforming to IEC 60947-3
[Icw] Rated Short-Time Withstand Current	50 kA during 1 s conforming to IEC 60947-3 at -5...70 °C 25 kA during 3 s conforming to IEC 60947-3 at -5...70 °C
[Icm] Rated Short-Circuit Making Capacity	105 kA AC at 50/60 Hz
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz conforming to IEC 60947-3
Contact Position Indicator	Yes
Mechanical Durability	20000 cycles with maintenance conforming to IEC 60947-3 10000 cycles without maintenance conforming to IEC 60947-3

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

Electrical Durability	AC-23A: 6000000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-3 AC-23A: 4000000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-3
Connection Pitch	115 mm without spreader
Height	352 mm
Width	422 mm
Depth	297 mm
Net Weight	40 kg

## Environment

Standards	IEC 60947-3
Product Certifications	IEC CCC GOST CCS
Ip Degree Of Protection	IP40
Pollution Degree	4 conforming to IEC 60664-1
Ambient Air Temperature For Operation	-5...70 °C
Ambient Air Temperature For Storage	-40...85 °C without 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
----------	-----------

## 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

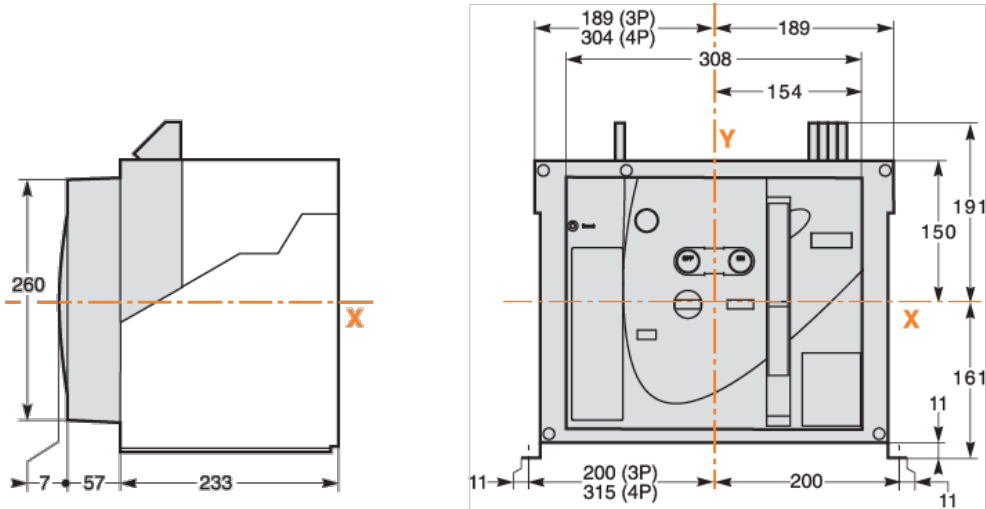
✓ Rohs Exemption Information   [Yes](#)

✓ Pvc Free

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

Dimensions Drawings



Assembly

