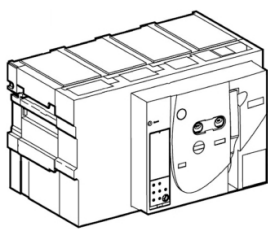


Product data sheet

Specifications



Adapt EasyPact MVS, 4 Poles, 1600A, 50kA, AC, withdrawal

MVS22120

Main

Range Of Product	EasyPact MVS
Range	EasyPact
Product Or Component Type	Circuit breaker
Device Application	Distribution
Poles Description	4P
Neutral Position	Left
Protected Poles Description	4P 4d
Network Type	AC
Breaking Capacity Code	N
Suitability For Isolation	Yes conforming to IEC 60947-2
Utilisation Category	Category B

Complementary

Network Frequency	50/60 Hz
Control Type	Push-button
Mounting Mode	Drawout
Mounting Support	Rail
Connection Position	Horizontal Vertical
Location Of Connection	Rear
[In] Rated Current	1600 A at 40 °C
[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
[Icm] Rated Short-Circuit Making Capacity	105 kA (Icm) at 220...440 V AC 50/60 Hz conforming to IEC 60947-2 88 kA (Icm) at 690 V AC 50/60 Hz conforming to IEC 60947-2
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
Breaking Capacity	50 kA Icu at 220...440 V AC 50/60 Hz conforming to IEC 60947-2 42 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] Rated Service Breaking Capacity	50 kA (Ics) at 220...440 V AC 50/60 Hz conforming to IEC 60947-2 42 kA (Ics) at 690 V AC 50/60 Hz conforming to IEC 60947-2
Circuit Breaker Ct Rating	1600 A
Mechanical Durability	20000 cycles (with maintenance) conforming to IEC 60947-2 10000 cycles (without maintenance) 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

Electrical Durability	Category B: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 Category B: 4000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2
Connection Pitch	115 mm without spreader
Contact Position Indicator	Yes
[Icw] Rated Short-Time Withstand Current	50 kA (1 s) at 220...440 V AC 50/60 Hz conforming to IEC 60947-2 42 kA (1 s) at 690 V AC 50/60 Hz conforming to IEC 60947-2 25 kA (3 s) at 440/690 V AC 50/60 Hz conforming to IEC 60947-2
Neutral Protection Setting	Without protection (3D) 0.5 x Ir (3D + N/2) 1 x Ir (4D)
Maximum Breaking Time	25 ms
Maximum Closing Response Time	70 ms
Height	439 mm
Width	556 mm
Depth	395 mm
Net Weight	85 kg

Environment

Standards	IEC 60947-2
Product Certifications	GOST CCS CCC IEC
Ip Degree Of Protection	IP40
Pollution Degree	4 conforming to IEC 60664-1
Ambient Air Temperature For Operation	-5...60 °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	30.0 cm
Package 1 Width	20.0 cm
Package 1 Length	10.0 cm
Package 1 Weight	3.0 kg

Contractual warranty

Warranty	18 months
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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-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

✓ 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