# **Product data sheet**

Specification





# EP MVS CB 4000A 55kA 4P MDO ETA2 drawout manual Circuit breaker

MVS40N4MW2A

#### Main

Range	EasyPact	
Product Name	MVS40N	
Device Short Name	MVS40N	
Product Or Component Type	Circuit breaker	
Device Application	Distribution	
Poles Description	4P	
Protected Poles Description	4P 4d	
Neutral Position	Left	
[In] Rated Current	4000 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	N	
Suitability For Isolation	ility For Isolation Yes conforming to IEC 60947-2	
Utilisation Category	Category B	
Trip Unit Name	ETA2I	
Trip Unit Technology	Electronic	
Trip Unit Rating	4000 A	

## Complementary

Network Frequency	50/60 Hz	
Control Type	Manually operated	
Mounting Mode	Drawout	
Mounting Support	Rail Base plate	
Connection Position	Horizontal Vertical	
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	4000 A	
Breaking Capacity	55 kA Icu at 220440 V AC 50/60 Hz conforming to IEC 60947-2	
[Ics] Rated Service Breaking Capacity	55 kA (lcs) at 220440 V AC 50/60 Hz conforming to IEC 60947-2	

List Price displayed is VAT EXCLUSIVE.



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: 2500 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	121 kA (lcm) at 220440 V AC 50/60 Hz conforming to IEC 60947-2
[Icw] Rated Short-Time Withstand Current	42 kA (1 s) at 690 V AC 50/60 Hz conforming to IEC 60947-2 55 kA (1 s) at 220440 V AC 50/60 Hz conforming to IEC 60947-2 30 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)
Trip Unit Protection Functions	и
Protection Type	Instantaneous short-circuit protection Overload protection (long time)
Fault Indication	Overload Internal fault Short-circuit
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 Ir
Thermal Memory	20 minutes before and after tripping
Instantaneous Pick-Up Adjustment Type Ii	Adjustable 9 settings
Instantaneous Pick-Up Adjustment Range	1.510 x lr
Zone Selective Interlocking Zsi	With
Display Type	Digital display
Type Of Measurement	Current
Current Sensor Rating Range	1000/4000 A
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	CCC

GOST CCS

IP40

4 conforming to IEC 60664-1

Pollution Degree

Ip Degree Of Protection

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	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



**Green Premium**<sup>TM</sup> **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-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	
<b>⊘</b>	Rohs Exemption Information	Yes
<b>⊘</b>	Pvc Free	

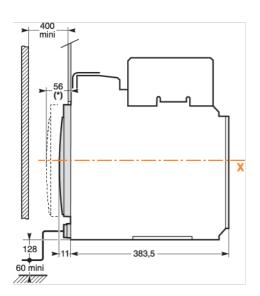
#### **Certifications & Standards**

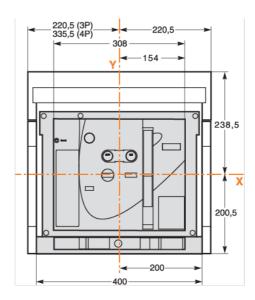
Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration  Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

## **Product data sheet**

### MVS40N4MW2A

#### **Dimensions Drawings**

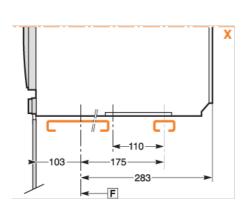


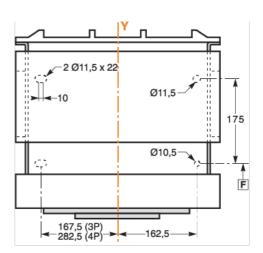


# **Product data sheet**

### MVS40N4MW2A

### Assembly





#### **Performance Curves**

