Specifications



# Circuit breaker, EasyPact MVS, 3 Poles, 4000A, 65kA, EF, ET2, fixed, electrical

MVS40H3NF2L

### Main

EasyPact
MVS40H
MVS40H
Circuit breaker
Distribution
3P
3P 3d
4000 A at 40 °C
AC
690 V AC 50/60 Hz conforming to IEC 60947-2
Н
Yes conforming to IEC 60947-2
Category B
ET2I
Electronic
4000 A

# Complementary

Network frequency	50/60 Hz
control type	Electrically operated
Mounting mode	Fixed
Mounting support	Base plate Rail
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	65 kA Icu at 220440 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

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	
[lcm] rated short-circuit making capacity	143 kA (Icm) at 220440 V AC 50/60 Hz conforming to IEC 60947-2	
[lcw] rated short-time withstand current	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	
Trip unit protection functions	LI	
Protection type	Overload protection (long time) Instantaneous short-circuit protection	
Fault indication	Short-circuit Overload Internal fault	
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 lr	
Thermal memory	20 minutes before and after tripping	
Instantaneous pick-up adjustment type li	Adjustable 9 settings	
Instantaneous pick-up adjustment range	1.510 x lr	
Zone selective interlocking ZSI	With	
Current sensor rating range	1000/4000 A	
Maximum breaking time	25 ms	
Maximum closing response time	70 ms	
Height	352 mm	
Width	422 mm	
Depth	297 mm	
Net weight	60 kg	

## Environment

Standards	IEC 60947-2	
Product certifications	IEC CCC GOST CCS	
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	42.0 cm
Package 1 Width	35.0 cm
Package 1 Length	50.0 cm
Package 1 Weight	38.0 kg

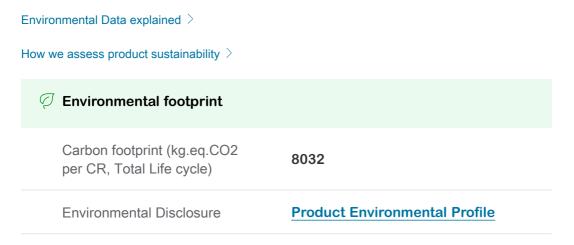
# **Contractual warranty**

Warranty

18 months

# Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.



## **Use Better**

S Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Νο
EU RoHS Directive	Compliant with Exemptions
SCIP Number	3f2d539a-6ab5-46aa-8603-9354f4ae3294
REACh Regulation	<b>REACh Declaration</b>
China RoHS Regulation	China RoHS declaration
PVC free	Yes

# Use Again

 $\bigcirc$  Repack and remanufacture

End of Life Information

Take-back

No

**Product benefits / Features** 







Pre-wired terminal block

Auxiliary contact

100 100

Protection relays



Fault protection

Time delay relay

Locking accessories



### Product benefits / Features



### **Product benefits / Features**



#### **Product benefits / Features**

