Product datasheet

Specifications

Circuit breaker, EasyPact MVS, 3 Poles, 3200A, 65kA, EDO, ET2, drawout, electrical

MVS32H3NW2L

Main

Range	EasyPact
Product Name	MVS32H
Device Short Name	MVS32H
Product Or Component Type	Circuit breaker
Device Application	Distribution
Poles Description	3P
Protected Poles Description	3P 3d
[In] Rated Current	3200 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	H
Suitability For Isolation	Yes conforming to IEC 60947-2
Utilisation Category	Category B
Trip Unit Name	ET2I
Trip Unit Technology	Electronic
Trip Unit Rating	3200 A

Complementary

Network Frequency	50/60 Hz
Control Type	Electrically 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	3200 A
Breaking Capacity	65 kA Icu at 220...440 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] Rated Service Breaking Capacity	65 kA (Ics) at 220...440 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

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

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	143 kA (Icm) at 220...440 V AC 50/60 Hz conforming to IEC 60947-2
[Icw] Rated Short-Time Withstand Current	65 kA (1 s) at 220...440 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	Instantaneous short-circuit protection Overload protection (long time)
Fault Indication	Short-circuit Internal fault Overload
Long Time Pick-Up Adjustment Type Ir	Adjustable 9 settings
Long Time Pick-Up Adjustment Range	0.4...1 x In
Long Time Delay Adjustment Type	Adjustable 9 settings
[Tr] Long-Time Delay Adjustment Range	0.5…24 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	1.5...10 x Ir
Zone Selective Interlocking Zsi	With
Current Sensor Rating Range	1000/4000 A
Maximum Breaking Time	25 ms
Maximum Closing Response Time	70 ms
Height	439 mm
Width	441 mm
Depth	395 mm
Net Weight	90 kg

Environment

Standards	IEC 60947-2
Product Certifications	IEC GOST CCC CCS
Pollution Degree	4 conforming to IEC 60664-1
Ip Degree Of Protection	IP40
Ambient Air Temperature For Operation	-5…70 °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

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_2 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

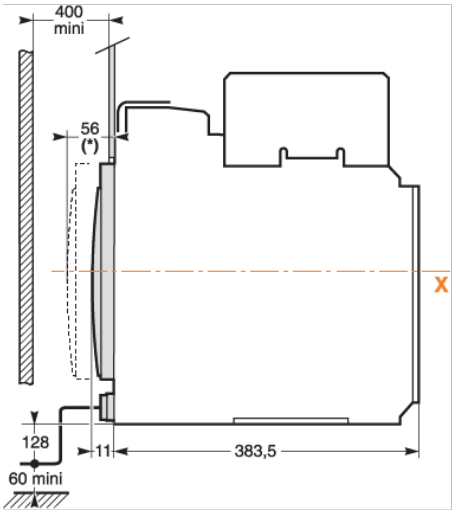
Well-being performance

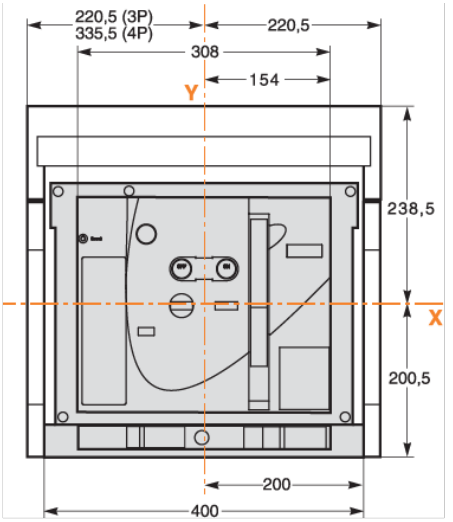
Mercury Free	
Rohs Exemption Information	Yes
Pvc Free	

Certifications & Standards

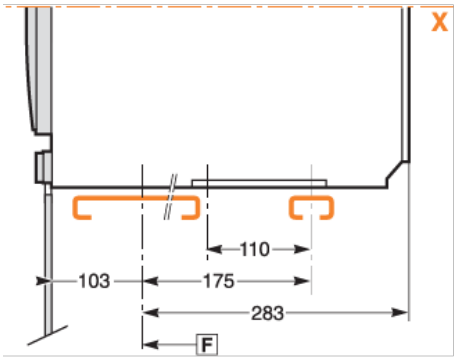
Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

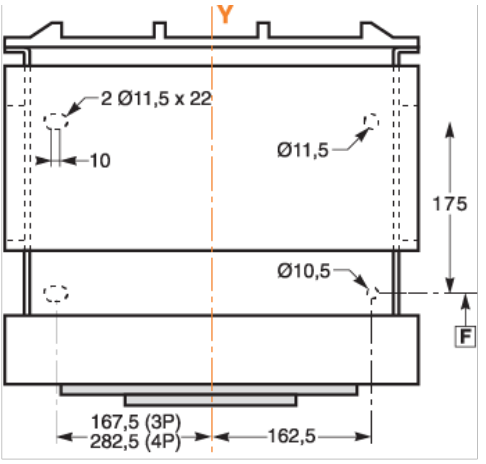
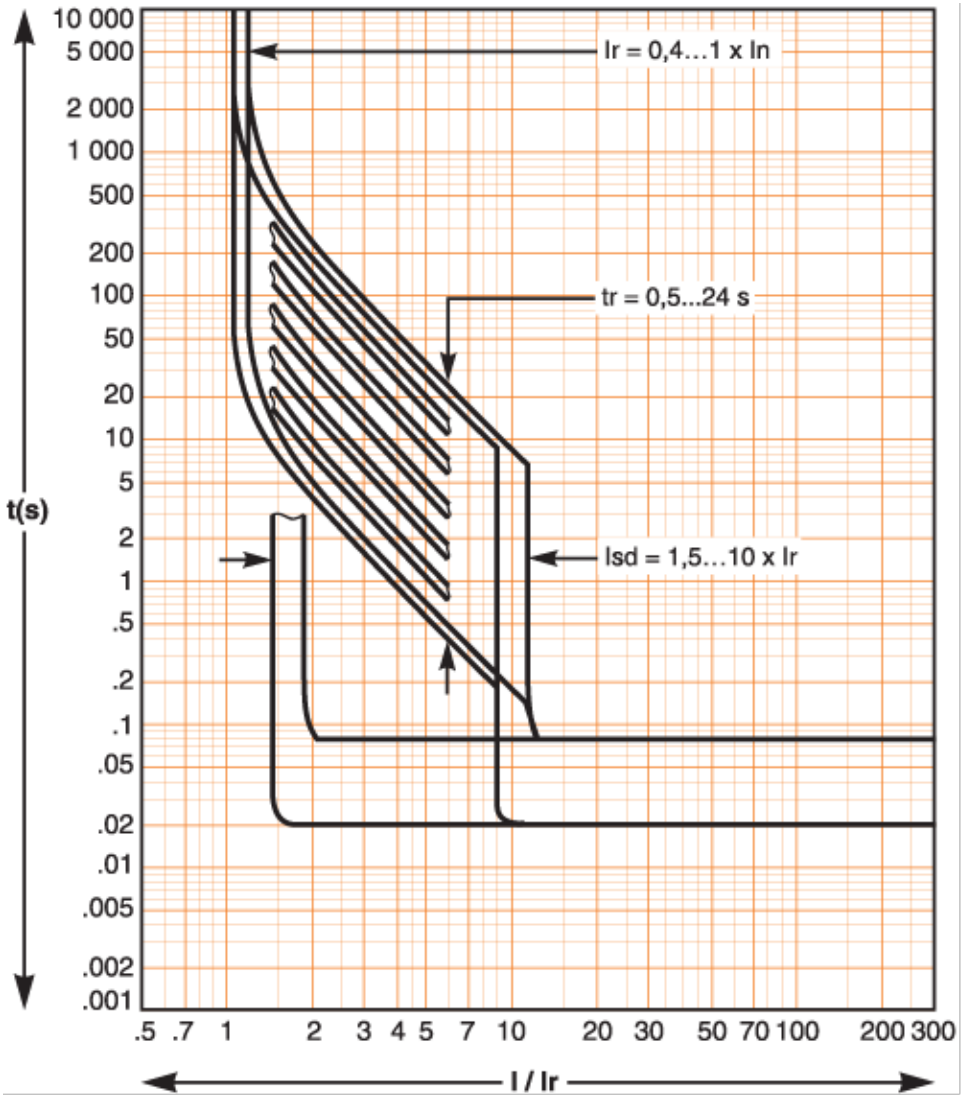
Dimensions Drawings





Assembly


X
110
103
175
283
F


Y
2 Ø11,5 x 22
10
Ø11,5
175
Ø10,5
F
167,5 (3P)
282,5 (4P)
162,5

Performance Curves