

Product data sheet

Specifications



protection relay, EasyPact MVS, ETV 5S, Drawout

MVS21416

Main

Range Of Product	EasyPact MVS
Product Or Component Type	Control unit
Circuit Breaker Application	Standard Industrial
Poles Description	4P 3P
Protected Poles Description	3D 4D 3D + N/2
Neutral Position	Left
Network Type	AC
Trip Unit Name	ETV5S
Trip Unit Technology	Micro-processor based
Trip Unit Rating	800...4000 A

Complementary

Network Frequency	50/60 Hz
Mounting Mode	Drawout
[Ue] Rated Operational Voltage	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	LSI
Protection Type	Instantaneous short-circuit protection Short time short-circuit protection Overload protection (long time)
Fault Indication	Earth fault Overload Internal fault Short-circuit
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 (6 x Ir), accuracy: 0...- 20 %
Thermal Memory	20 minutes before and after tripping
Short-Time Pick-Up Adjustment Type Isd	Adjustable 9 settings

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

[Isd] Short-Time Pick-Up Adjustment Range	1.5...10 x Ir
Short-Time Delay Adjustment Type	Adjustable 5 settings
[Tsd] Short-Time Delay Adjustment Range	100...400 ms
Instantaneous Pick-Up Adjustment Type li	Adjustable 9 settings
Instantaneous Pick-Up Adjustment Range	2...15 x In, accuracy: +/- 10 % Off
Zone Selective Interlocking Zsi	With
Display Type	Digital display
Type Of Measurement	Energy meter
Height	200 mm
Width	55 mm
Depth	75 mm
Net Weight	0.213 kg

Environment

Ambient Air Temperature For Operation	-5...70 °C
Ambient Air Temperature For Storage	-25...85 °C

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

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

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