

Product datasheet

Specifications



protection relay, EasyPact MVS, ETV6G

MVS15503

Main

Range of product	EasyPact MVS
Product or component type	Control unit
Circuit breaker application	Standard Industrial
poles description	3P 4P
Protected poles description	4D 3D 3D + N/2
Neutral position	Left
network type	AC
Trip unit name	ETV6G
Trip unit technology	Micro-processor based
Trip unit rating	800...4000 A

Complementary

Network frequency	50/60 Hz
mounting mode	Drawout Fixed
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
Neutral protection setting	Without protection (3D) 0.5 x I _r (3D + N/2) 1 x I _r (4D)
Trip unit protection functions	LSIG
Protection type	Instantaneous short-circuit protection Earth fault Overload protection (long time) Short time short-circuit protection
Fault indication	Earth fault Internal fault Overload Short-circuit
Long time pick-up adjustment type I _r	Adjustable 9 settings
Long time pick-up adjustment range	0.4...1 x I _n
Long time delay adjustment type	Adjustable 9 settings
[tr] long-time delay adjustment range	0.5...24 s (6 x I _r), accuracy: 0...- 20 %
thermal memory	20 minutes before and after tripping

Short-time pick-up adjustment type Isd	Adjustable 9 settings
[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
ground-fault time delay adjustment type -tg	Adjustable 5 settings
ground-fault pick-up adjustment type	Adjustable 9 settings
[tg] ground-fault time delay adjustment range	100...400 ms
[lg] ground-fault pick-up adjustment range	0.2...1 x In (400 A < In =< 1000 A), accuracy: +/- 10 % 500...1200 x In (In >= 1250 A), accuracy: +/- 10 %
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	6.5 cm
Package 1 Width	8 cm
Package 1 Length	21.5 cm
Package 1 Weight	274 g
Unit Type of Package 2	S03
Number of Units in Package 2	15
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	4.597 kg

Contractual warranty

Warranty	18 months
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Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information [Yes](#)

Certifications & Standards

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](#)