



Main

Range	EasyPact
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	ETV5S
Trip unit technology	Micro-processor based
Trip unit rating	800...4000 A

Complementary

Network frequency	50/60 Hz
Mounting mode	Fixed 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 I _r (3d + N/2) 1 x I _r (4d)
Trip unit protection functions	LSI
Protection type	Overload protection (long time) Short time short-circuit protection Instantaneous short-circuit protection
Fault indication	Overload Internal fault Earth fault 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 Ir), 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
Zone selective interlocking ZSI	With
Display type	Digital display
Type of measurement	Instantaneous current (I1, I2, I3, In), range: 0.2...1.2 In, accuracy: +/- 1.5 % Maximum current (I1, I2, I3, In), range: 0.2...1.2 In, accuracy: +/- 1.5 % Demand current (I1, I2, I3, Ig), range: 0.2...1.2 In, accuracy: +/- 1.5 % Voltage (V12, V23, V31, V1N, V2N, V3N), range: 100...690 V, accuracy: +/- 0.5 %
Height	200 mm
Width	55 mm
Depth	75 mm
Product weight	0.213 kg

Environment

Ambient air temperature for operation	-5...70 °C
Ambient air temperature for storage	-25...85 °C

Contractual warranty

Warranty period	18 months
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