

Lembar data produk

Spesifikasi



protection relay Easergy P1V 24-250V 3VT: 57-130V 0DI-4DO

REL15024

Main

Range of product	Easergy P1
Product or component type	Protection relay
Relay application	Voltage
Product reference	P1
Device mounting	Flush
Mounting support	Fixing kit
Mounting mode	Flush-mounted
Power supply	24...240 V AC 24...250 V DC
Measuring inputs	: VT voltage 0
Number of Digital Inputs (DI)	0
Number of Digital Outputs (DO)	4 DO 1 watchdog
Cybersecurity	Password protection
Protection functions	Undervoltage 27 Overvoltage 59 Earth fault overvoltage 59N Lockout relay 86
Arc flash protection	No
Control functions	Local/remote control
Monitoring functions	Trip circuit supervision 74 Relay self-monitoring
Logs and records	Trip context information
Switchgear diagnosis type	Trip circuit supervision ANSI code: TCS
Connections - terminals	Snap-on fixed

Complementary

Maximum power consumption in W	13.5 W AC 4 W DC
Display type	and graphic display terminal
Number of key	9
Local signalling	6 x LED red/orange programmable 1 x LED red relay trip indicator 1 x LED green watchdog

Standards	EN 60255-26:2009 EN 60255-1:2010 EN 60255-27:2005
Product certifications	CE
Height	101.5 mm embedded: 116.5 mm total:
Width	101.5 mm embedded: 116.5 mm total:
Depth	108 mm embedded: 119 mm total:
Net weight	0.8 kg maximum

Environment

Directives	2006/95/EC - low voltage directive 2004/108/EC - electromagnetic compatibility
Electromagnetic compatibility	Electromagnetic immunity level 3 conforming to EN 61000-4-2/3/4/5/6/8
Mechanical robustness	Seismic tests: 2 Gn horizontal, 1 Gn vertical conforming to EN 60255-21-3 Shocks (level: class 1) : 5 Gn for 11 ms conforming to EN 60255-21-2 Shocks withstand (level: class 1) : 10 Gn for 16 ms conforming to EN 60255-21-2 Bumps (level: class 1) : 15 Gn for 11 ms conforming to EN 60255-21-2 Vibrations (level: class 1) : 1 Gn, 10...150 Hz, 1 cycle conforming to EN 60255-21-1
Ambient air temperature for operation	-25...60 °C -30...70 °C (16 h)
Ambient air temperature for storage	-30...70 °C
IP degree of protection	IP54 conforming to IEC 60529
Relative humidity	0...93 % at 40 °C, 21 days 0...93 % at 60 °C, 10 days 93 % at 25...55 °C, 6 cycles, 12 + 12 hours

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	19.5 cm
Package 1 Width	16.5 cm
Package 1 Length	16.5 cm
Package 1 Weight	793.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.199 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes

Penggantian yang disarankan