Product data sheet

Specifications

arc protection relay, PowerLogic A125

REL52900

Main

Range	PowerLogic
Range Of Product	Easergy ARC
Product Name	PowerLogic Arc
Device Short Name	V125
Product Or Component Type	Arc fault detection device
Relay Application	Arc flash
Protection Type	Arc suppression
Protection Type	Arc suppression 50ARC
Number Of Inputs	3 binary 1 binary for current input 4 arc sensor 1 digital

Complementary

Binary Input Voltage	48...240 V AC/DC (voltage limits: 250 V)
Number Of Outputs	2 binary 1 relay 1 IGBT 2 control relay
Output Current Limits	20 mA at 24 V DC
Type Of Measurement	Arc
Control Functions	Switchgear internal arc detection
Power Supply	24...240 V AC/DC
Hmi	LED 11
Mounting	Flush DIN rail
Mounting Support	Panel
Connections - Terminals	Removable screw terminal block
Height	135 mm total:
Width	70 mm total:
Depth	126 mm total:
Net Weight	0.9 kg

Environment

Electromagnetic Compatibility	Emission tests conforming to IEC/EN 60255-26 ed. 3
	Emission tests class A conforming to EN 55022
	Emission tests conforming to CISPR 22
	Emission tests class A conforming to EN 55011
	Emission tests conforming to IEC 60255-25
	Emission tests conforming to CISPR 11
	EMC immunity A conforming to IEC/EN 60255-26 ed. 3
	Damped oscillatory wave conforming to EN/IEC 61000-4-18
	Electrostatic discharge level 4 conforming to EN/IEC 61000-4-2
	Radiated radio-frequency electromagnetic field immunity test level 3 conforming to EN/IEC 61000-4-3
	Electrical fast transient level 4 conforming to EN/IEC 61000-4-4
	Surge immunity test level 3 conforming to EN/IEC 61000-4-5
	Immunity to conducted interference caused by radio-electrical fields level 3 conforming to EN/IEC 61000-4-6
	Immunity to magnetic fields conforming to EN/IEC 61000-4-8
	Immunity to magnetic fields level 5 conforming to EN/IEC 61000-4-9
	Immunity to voltage dips power lines (DC) conforming to EN/IEC 61000-4-29
	Immunity to voltage dips conforming to EN/IEC 61000-4-11
	Immunity to ripple conforming to EN/IEC 61000-4-17
Standards	EN/IEC 60255-1
	EN 60255-27
Ip Degree Of Protection	IP20 conforming to IEC 60529
Relative Humidity	0…95 % without condensation
Mechanical Robustness	Vibrations (level: class 2) conforming to IEC 60255-21-1
	Shocks (level: class 2) conforming to IEC 60255-21-2
	Earthquakes (level: criteria A) : level 2 conforming to IEC 60255-21-3
	Vibrations (level: Fc) conforming to IEC 60068-2-6
	Shocks (level: Ea) conforming to IEC 60068-2-27
Protective Treatment	Conformal coating
Operating Altitude	<= 2000 m
Environmental Characteristic	Exposure to dry heat Bd conforming to EN/IEC 60068-2-2
	Exposure to cold Ad conforming to EN/IEC 60068-2-1
	Exposure to damp heat in service Db conforming to EN/IEC 60068-2-30
	Exposure to damp heat in service Cab conforming to EN/IEC 60068-2-78
	Temperature variation Nb conforming to IEC 60068-2-14
Ambient Air Temperature For Operation	-40…65 °C
Ambient Air Temperature For Storage	-40…80 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	13.000 cm
Package 1 Width	17.300 cm
Package 1 Length	17.300 cm
Package 1 Weight	1.138 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	4
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.966 kg

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

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Pro-active compliance (Product out of EU RoHS legal scope)

China Rohs Regulation   China RoHS declaration

Environmental Disclosure   Product Environmental Profile

Circularity Profile   End of Life Information