Product datasheet

Specifications

Green Premium™

FLAIR 22D- LITHIUM DUAL POWERED DIN AMMETRIC FPI

EMS58352

Main

Device Short Name	Flair 22D
Range Of Product	Easergy Flair
Product Or Component Type	Fault passage indicator
Range Compatibility	RM6 SM6-24 SM6-36 Flusarc Premset FBX
Rated Voltage (Ur)	3…36 kV

Complementary

Load Current	3 A
Function Available	Ammeter
Inrush Restraint Duration	0 s 3 s 70 s
Reset	Automatic reset 0…70 s upon current return 2 A or voltage return Factory reset 1…24 h By flush push-button External contact
Local Signalling	1 LED for fault indication External light indicator without battery Relay for fault indication Numerical display for faulty phase indication 1 LED for voltage presence phase to phase or phase to neutral 1 LED for voltage absence phase to phase or phase to neutral
Supply	via current transformer Li battery
Overcurrent Protection	OFF Auto 100...800 A, adjustable in steps of 50 A
Overcurrent Fault	5…30 A, adjustable in steps of 5 A 30…200 A, adjustable in steps of 10 A
Time Delay Setting	Fault acknowledge time : 40...100 ms in steps of 20 ms Fault acknowledge time : 100...300 ms in steps of 50 ms
Communication Port Protocol	Without
Battery Life	15 year(s) (in operation)
Height	48 mm
Width	96 mm
Depth	100 mm

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

Net Weight	0.185 kg

Environment

Electromagnetic Compatibility	Electrostatic discharge - test level: 8 kV level 3 (air discharge) conforming to IEC 61000-4-2 Electrostatic discharge - test level: 6 kV level 3 (contact discharge) conforming to IEC 61000-4-2 Radiated radio-frequency electromagnetic field immunity test - test level: 10 V/m, 80 MHz...1 GHz level 3 conforming to IEC 61000-4-3 Electrical fast transient/burst immunity test - test level: 4 kV CM, 5kHz level 4 conforming to IEC 61000-4-4 Immunity to impulse waves - test level: 42 Ohm level 3 (on input-output) conforming to IEC 61000-4-5 Immunity to impulse waves - test level: 2 Ohm level 3 (on power supply) conforming to IEC 61000-4-5 Conducted RF disturbances - test level: 0.15...80 MHz, 10 V/m, 80 % MA (1 kHz) level 3 conforming to IEC 61000-4-6 Immunity to magnetic fields - test level: 30 A/m (permanent)-300 A/m (1 s) level 4 conforming to IEC 61000-4-8 Damped oscillating waves - test level: +/- 2.5 kV CM, +/- 1 kV DM, 1 MHz level 4 conforming to IEC 61000-4-12
Mechanical Robustness	Vibrations 9…200 Hz 1 gn 1 cycle conforming to IEC 60068-2-26 Seismic tests 2 gn horizontal position conforming to IEC 60068-2-29 Seismic tests 1 gn vertical position conforming to IEC 60068-2-29 Shocks 10 gn 11 ms 3 pulses in operation conforming to IEC 60068-2-27
Ip Degree Of Protection	Front panel: IP41 Other parts: IP30
Ik Degree Of Protection	IK07 conforming to IEC 62262
Ambient Air Temperature For Operation	-40…70 °C
Relative Humidity	95 % conforming to IEC 60068-2-30

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.1 cm
Package 1 Width	11.1 cm
Package 1 Length	13.7 cm
Package 1 Weight	241.0 g
Unit Type Of Package 2	S04
Number Of Units In Package 2	48
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	11.908 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	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information