Product Data Sheet

specification

EOCR-FDM2 WR 100~240V Window.

FDM2-WRDUWZ

Basic items

Product range	EOCR
model name	EOCR-FDM2
Product or component type	Protective relay
Protection type	Overload, In > Overcurrent setting Underload, In < Undercurrent setting Restraint during operation, In > 2...8 times overcurrent setting Restraint while driving, In > 1.5...5 times overcurrent setting Decision Imbalance, 10...50 % Reverse
Product Specification Application	Motor Protection
Network Type	AC
Network Frequency	50...60 Hz
protection adjustment range	0.5…60 A
Trip range	0.5...32 A inverse time, thermal accumulation inverse time) 0.5...60 A fixed time)

Electrical/Mechanical Characteristics

[Us] Rated input voltage	100...240 V AC/DC
Attachment method	Basic unit 35 mm DIN rail Basic Device Panel Flush the display device
Contact Type and Configuration	1 NC + 1 NO OL) 1 NO AL/UL/TO)
??, ??? ??	By 4 A gG Fuse
[Ue] Rated operating voltage	600 V AC 8...200 Hz main circuit conforming to UL 690 V AC 8...200 Hz main circuit conforming to CSA 690 V AC 8...200 Hz main circuit conforming to IEC 60947-4-1
[Uimp] rated impulse voltage	6 kV conforming to IEC 60947-4-1
return	Manual Reset Auto reset 0.5… 1200 s Electrical 0… 1 s Electrical
Set time	Delay time at startup 0...200 s Overcurrent tripping time 0.2...30 s fixed time) Overcurrent operating time 1...30 class inverse time, thermal accumulation inverse time) Undercurrent operation time 0.5...30 s
Display method	7 segment LED Bar graph
power consumption per relay	3 W

Final	Control circuit cable 2 x 1… 1.5 mm² with flexible cable end - M3 Control circuit cable 2 x 1… 1.5 mm² Flexible cable endless - M3 Control circuit cable 1 x 1… 2.5 mm² with flexible cable end - M3 Control circuit cable 1 x 1… 2.5 mm² Flexible cable endless - M3
tightening torque	Control circuit 0.8...1.2 Nm above, cable, 4.7 mm
height	74.5 mm
width	70 mm
depth	83.8 mm
Product Weight	0.397 kg

Usage environment

standard	IEC 60947-4-1
Product Certification	UL
IP rating	IP20 conforming to IEC 60529
Operating temperature	-20…60 °C conforming to IEC 60947-4-1
Storage temperature	-40…85 °C
Usage altitude	2000 m
Fire resistance	650 °C conforming to IEC 60695-2-12 UL 94 conforming to 960 °C
Impact resistance	15 gn 11 ms conforming to IEC 60068-2-7
Vibration resistance	4 gn panel mounting conforming to IEC 60068-2-6 2 gn 35mm rail mount conforming to IEC 60068-2-6
Insulation strength	2 kV 50...60 Hz between enclosures and circuits conforming to IEC 60255-5 1 kV 50...60 Hz between contacts IEC 60255-5 2 kV 50...60 Hz between internal circuits IEC 60255-5
My book	6 kV conforming to IEC 61000-4-5
Electromagnetic compatibility	Radiofrequency radiation immunity 10 V/m level 3 conforming to IEC 61000-4-3 Immunity to electrostatic discharge 8 kV air, 6 kV contact conforming to IEC 61000-4-2 Overvoltage 2 kV conforming to IEC 61000-4-4 Radio frequency conducted immunity 10 V conforming to EN 61000-4-6 Radio frequency conducted immunity class A conforming to EN 55011
[Ith] Continuous current	3 A control circuit
Allowable current	250 V, 3 A

Packaging unit

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.5 cm
Package 1 Width	16.65 cm
Package 1 Length	10.5 cm
Package 1 Weight	417.0 g

Contract Guarantee

guarantee	18 months

Environmental Data

Schneider Electric's ongoing "Use Better, Use Longer, Reuse" campaign is driven by supply chain partnerships, lower impact materials and
We aim to achieve Net Zero status by 2050 through circularity, extending the life and recyclability of our products.

Description of environmental data

How to assess product sustainability

Use Better

Materials and Packaging	
EU RoHS Directive	observance
China RoHS regulations	China **RoHS** Declaration

Use Again

Repackaging and Remanufacturing	
collect	**No**
WEEE	This product must be disposed of on the European Union market after specific waste collection. and should never be thrown into the trash.