

# RM-FR-D10

## PRODUCT LINE

FortiDIN

## TYPE

RM-FR-D10B

RM-FR-D10C

## SUPPORTED MODELS

FortiGate 60F

FortiGate 61F

FortiGate 70F

FortiGate 71F

## COLOR

SIGNAL WHITE

## WEIGHT

X KG

## PRODUCT DEMENSIONS

(height x width x depth)

220 x 90 x 228 mm

8.66 x 3.53 x 8.98 inch



Back view



Front view

The FortiDIN series allow your appliance to be powered by 24 or 48 volts DC power and mounted on a standard DIN-Rail. FortiDIN series come with standard power connector for Fortinet appliances and detachable screw-on wire input connector.

## KEY FEATURES

- Suitable for industrial environments
- Standard omega-profile mount clip included
- Screw-onwire input connector included
- Console connector on top
- 3 year limited warranty

*FortiGate appliance not included.*

## TECHNICAL INFORMATION

<b>Protection</b>	Overload / Short Circuit / Over voltage
<b>Input range 24V</b>	19-36V
<b>Input range 48V</b>	36-72V

## ORDERING GUIDE

RM-FR-D10B	DIN-mount FG-60F series 24VDC
RM-FR-D10C	DIN-mount FG-60F series 48VDC

## CONTACT

Email [sales@rackmount.it](mailto:sales@rackmount.it) or contact your reseller.

**RACKMOUNT.IT**

Datasheet - 10-30-2023

## MODELS

<b>Model B</b>	19-36 VDC
<b>Model C</b>	36-72 VDC

## GENERAL INFO

- 2:1 wide input range
- Protections: Short circuit / Overload / Over voltage
- 1500VAC I/O isolation
- Built-in EMI filter, low ripple noise
- 100% full load burn-in test
- Fixed switching frequency at 83KHz
- Cost Efficient
- High reliability

## DETAILS

<b>DC Output Voltage</b>	12V
<b>Rated Current</b>	2.1A
<b>Current Range</b>	± ~ 2.1A
<b>Rated Power</b>	25.2W
<b>Ripple &amp; Noise (max.)</b>	120m Vp-p
<b>Voltage Adjustment Range</b>	11 ~ 16VDC
<b>Voltage Tolerance</b>	±1.0%
<b>Line Regulation</b>	±0.3%
<b>Load Regulation</b>	±0.3%
<b>Set, Rise &amp; Hold up time</b>	2.5s, 50ms, ---- at full load
<b>Voltage Range</b>	9 ~ 36VDC
<b>Input Efficiency</b>	72% @ 1.6A/24V
<b>Overload Protection</b>	105 ~ 150% rated output power Hiccup mode, recovers automatically after fault condition is removed
<b>Over Voltage Protection</b>	16.8 ~ 20V/10% load Hiccup mode, recovers automatically after fault condition is removed
<b>Working Temp</b>	-10 ~ +60°C      14 ~ 140°F
<b>Working Humidity</b>	20 ~ 90%      RH non-condensing
<b>Environment Storage Temp</b>	-20 ~ +85°C      68 ~ 185°F
<b>Environment Storage Humidity</b>	10 ~ 95% RH
<b>Temperature Coefficient</b>	±0.03%/°C (0 ~ 50°C)    32 ~ 122°F
<b>Vibration</b>	10 ~ 500Hz, 2G 10min./1 cycle, 60min. each along x, Y, Z axes
<b>Safety Standards</b>	Design refer to LVD, EAC TP TC 004 approved
<b>Safety &amp; Withstand Voltage</b>	I/P-O/P:1.5KVAC /P-FG:2KVAC O/P-FG:0.5KVAC
<b>EMC Isolation Resistance EMC</b>	I/P-O/P, UP-FG, O/P-FG: 100M Ohms / 500VDC / 25°C/ 70% RH
<b>Emission</b>	Compliance to EN55032 (CISPR32) Class B, EAC TP TC 020
<b>EMC Immunity</b>	Compliance to EN61000-4-2,3,4,6,8, EN55024,heavy industry level, criteria A
<b>MTBF</b>	365.9K hrs min.

## CONTACT

Email [sales@rackmount.it](mailto:sales@rackmount.it) or contact your reseller.