

# RM-FR-D17

## PRODUCT LINE

FortiDIN

## SUPPORTED MODELS

FortiSwitch 108F

## TYPE

RM-FR-D17B

RM-FR-D17C

## COLOR

SIGNAL WHITE

## PRODUCT DEMENSIONS

(height x width x depth)

200 x 75 x 190 mm



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

*FortiSwitch 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-D17B	DIN-mount FS-108F 24VDC
RM-FR-D17C	DIN-mount FS-108F 48VDC

## CONTACT

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

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Datasheet - 10-30-2023

## MODELS

**Model B** 19-36 VDC

**Model C** 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

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

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