# RM-FR-D21

**VENDOR**
Fortinet

**SUPPORTED MODELS**
FG-50
FG-50-SFP
FG-50-SFP-POE
FG-40F
FG-51G
FG-51G-SFP
FG-51G-SFP-POE
FG-40F-3G4G

**COLOR**
WHITE

**WEIGHT**
1.70 kg - 3.75 lbs

**DEMENSIONS**
**(HxWxD)**
220 x 90 x 228 mm
8.66 x 3.53 x 8.98 inch






## KEY FEATURES

- 3-Minuten-Installation
- Shielded cables and couplers
- Internal DC-DC power converter
- Custom cut-outs for ventilation
- DIN-clip for easy and quick mounting
- Connections are brought to the front

## TECHNICAL INFORMATION

| | |
|---|---|
| **Protection** | Overload / Short Circuit / Over voltage |
| **Input range** | 18-72V |
| **Output** | 12V |

*Appliance not included*

Our Rackmount kits are RoHS compliant, developed and manufactured in The Netherlands, made of first quality parts.

## CONTACT

Email sales@rackmount.it or visit our website.

RACKMOUNT.IT

## 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** | 2.5A |
| **Current Range** | 0 ~ 2.5A |
| **Rated Power** | 30W |
| **Ripple & Noise (max.)** | 60m Vp-p |
| **Voltage Tolerance** | ±2.0% |
| **Line Regulation** | ±0.3% |
| **Load Regulation** | ±0.3% |
| **Set, Rise time** | 120ms, 85ms, ---- at full load |
| **Voltage Range** | 9 ~ 36VDC |
| **Input Efficiency** | 89% @ 1.6A/24V |
| **Overload Protection** | 105 ~ 135% rated output power<br>Constant current limiting, recovers automatically after fault condition is removed |
| **Over Voltage Protection** | 13.8 ~ 16.2V/10% load<br>Shut down o/p voltage, re-power on to recover |
| **Working Temp** | -40 ~ +55°C (no derating); +70°C @ 60% load by free air convection ; +70°C (no derating with external base plate) |
| **Working Humidity** | 5 ~ 95% RH non-condensing |
| **Environment Storage Temp** | -40 ~ +85°C |
| **Environment Storage Humidity** | 5 ~ 95% RH non-condensing |
| **Temperature Coefficient** | ±0.03%/°C (0 ~ 50°C) |
| **Vibration** | 10 ~ 500Hz, 5G 10min./1 cycle, 60min. each along x, Y, Z axes |
| **Operating Altitude** | 5000m |
| **Safety Standards** | Design refer to LVD, EAC TP TC 004 approved |
| **Safety & Withstand Voltage** | I/P-O/P:4KVDC I/P-FG:2.5KVDC O/P-FG:2.5KVDC |
| **EMC Isolation Resistance EMC** | I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25□/ 70% RH |
| **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** | 396.9K hrs min. |

## CONTACT

Email sales@rackmount.it or contact your reseller.