



INDUSTRIAL ETHERNET MEDIA CONVERTER

QUICK INSTALLATION GUIDE

Thank you for choosing Vikings Technology. This guide describes how to install our D5 type Industrial Ethernet Media Converters with or without PoE.

Package Contents

- Industrial Ethernet Media Converter x 1
- Wall mount bracket x 1
- This Quick Installation Guide x 1

Safety Guidelines

- Do not look into bores of energized optical fiber cables or optical modules without eye protection - laser beams may cause eye damage.
- Follow all general safety guidelines and instructions installing and handling such low current & low voltage devices.

Installation

- To install the Ethernet Media Converter on a DIN rail, lock the upper part of the DIN rail clip on the upper side of the DIN rail and then gently press it until the clip is securely locked on the rail. To install it on the wall, unscrew the DIN rail clip and replace it with included wall mount bracket and screw it on the wall.
- Please follow the table below for port type, speed, PoE power and optical module inbuilt or SFP module connections. You can power the media converter from one DC

power supply. If power redundancy is required, connect second power supply. Select your DC power supply (-ies) matching the voltage range and max power consumption required:

Model	Ports		RJ45				SFP		Fiber inbuilt		Power	
	10/100M	1000M	PoE +	PoE ++	100M	1G	100M	1G	100M	1G	Voltage, VDC	Max Cons, W
MCF-D5	•	-	-	-	•	-	-	-	-	-	12-48	5
MCFP-D5	•	-	•	-	•	-	-	-	-	-	12-48	35
MCFP90-D5	•	-	•	•	•	-	-	-	-	-	48-57	95
MCF-D5-x	•	-	-	-	-	-	•	-	-	-	12-48	5
MCFP-D5-x	•	-	•	-	-	-	•	-	-	-	12-48	35
MCFP90-D5-x	•	-	•	•	-	-	•	-	-	-	48-57	95
MCG-D5	•	•	-	-	•	•	-	-	-	-	12-48	5
MCGP-D5	•	•	•	-	•	•	-	-	-	-	12-48	35
MCGP90-D5	•	•	•	•	•	•	-	-	-	-	48-57	95
MCG-D5-x	•	•	-	-	-	-	•	•	-	-	12-48	5
MCGP-D5-x	•	•	•	-	-	-	•	•	-	-	12-48	35
MCGP90-D5-x	•	•	•	•	-	-	•	•	-	-	48-57	95

- For better unit's protection against surge, connect the ground cable to the ground screw located on the rear of the unit.
- Power up your power supply (-ies) to power up the unit. If all cables are correctly connected, the indicators will lit as per LEDs status below:

LED	Color	Indication
PWR	Green	Off: unit is not getting power or failed Lit: unit is powered on
FX	Green	Off: fiber port is not active Lit: fiber link is established Blink: data is being transmitted on fiber port
L/A	Yellow	Off: RJ45 port is not active Lit: connection is established on RJ45 port Blink: data is being transmitted on RJ45 port
PoE/PoE+/PoE++	Green	Off: PoE is not supplied Blink: PoE is being detected Lit: PoE is supplied (only units with PoE)

Contact information

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