

MTL F300 MEGABLOCKS

Product Data Sheet

F312

12-drop fieldbus Megablock

FUNCTION	FAMILY	ORIGIN	WEIGHT
12-drop fieldbus Megablock	MTL F300 Megablocks	United Kingdom	0.50 kg

Eaton F312 is a 12-drop fieldbus Megablock for the MTL F300 Megablocks. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Spur count	12 drops
Network support	FOUNDATION Fieldbus H1 and Profibus PA
Hub type	Passive fieldbus Megablock
Mounting	35 mm DIN rail
Installation orientation	Vertical or horizontal
Hazardous location	Zone 2 and Division 2
Spur protection	Short-circuit protection per spur
Power indicator	Green LED at 10 V DC or higher
Trunk connector	Removable screw terminal
Terminator	F97 terminator supplied

ADDITIONAL PRODUCT DATA

Terminal capacity	0.14 to 2.5 mm ² conductors
Operating temperature	-40 to +70 °C
Humidity	0 to 95% RH non-condensing
Ingress installation	Install within a suitable enclosure

OFFICIAL APPLICATIONS

- Fieldbus junction boxes on process skids: FOUNDATION Fieldbus Networks
- Zone 2 instrument segment distribution: Process Instrumentation Systems
- Profibus PA spur distribution: Distributed Instrument Networks

SYSTEM COMPATIBILITY

Match F312 to the installed MTL F300 Megablocks, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Eaton official manufacturer documentation](#)

https://www.mtl-inst.com/images/uploads/datasheets/EPS_F300.pdf

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM