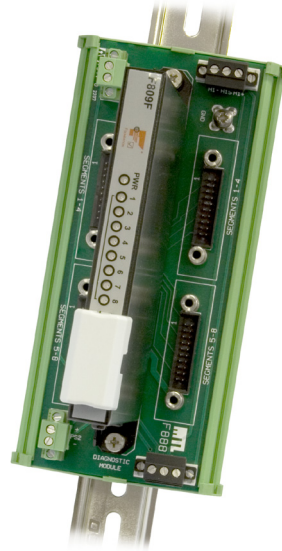




F888

diagnostics interface for Yokogawa ALF111 Fieldbus Comms Module

- Integrated fieldbus diagnostics with any fieldbus power supply, using AKB336 cable
- Integrated connection to ALF111 FOUNDATION fieldbus™ communication module
- Compact, DIN-rail mountable
- Redundant 24V dc power connections
- Supports eight fieldbus segments



The F888 carrier is a compact, low cost, DIN-rail mounting solution for the F809F diagnostic module. It provides integrated fieldbus physical layer diagnostics with the Yokogawa ALF111 fieldbus communication module and any fieldbus power supplies.

Connection to the F888 interface is simple using the ALF111 with the connectors option and the Yokogawa AKB336 cable.

Redundant 24V dc input connections, are provided to power the F809F Fieldbus diagnostic module. Additionally the F809F monitors the status of the power feeds and temperature of the module, providing valuable diagnostic information on the health of the power supply cabinet.

Note: F809F diagnostic module shown in photograph is not included in the F888 product order code and should be ordered separately.

SPECIFICATION

Location of equipment
Safe area

CONNECTIONS

Number of segments
Eight

Fieldbus terminals
In and out connection for segments 1-4 via AKB336 cables connecting to ALF111 card and fieldbus power supply/termination board.
In and out connection for segments 5-8 via AKB336 cables connecting to ALF111 card and fieldbus power supply/termination board.

Power and diagnostic segment terminals
Two-part, pluggable connectors with rising-cage-clamp screw terminals
Conductor size: 0.14 to 2.5mm²

Interface ground
M4 stud

MECHANICAL

Mounting method
DIN-rail mounting kit

DIN-rail types
'Top hat', 35mm x 7.5mm or 35mm x 15mm to EN 50022

ENVIRONMENTAL

Ambient temp
-40°C to +70°C

Storage
-40°C to +85°C

Ingress protection
IP20 to BS EN60529
(For additional protection mount the equipment in an enclosure)

PHYSICAL NETWORKS

IEC 61158-2
Foundation fieldbus™ H1

ORDERING INFORMATION

PART NO	DESCRIPTION
F888	Yokogawa ALF111 8 segment diagnostic interface
F809F	Fieldbus diagnostic module *

* For further details see F809F datasheet - available at:
www.mtl-inst.com/products/fieldbus/datasheets/F809F.pdf

The given data is only intended as a product description and should not be regarded as a legal warranty of properties or guarantee. In the interest of further technical developments, we reserve the right to make design changes.



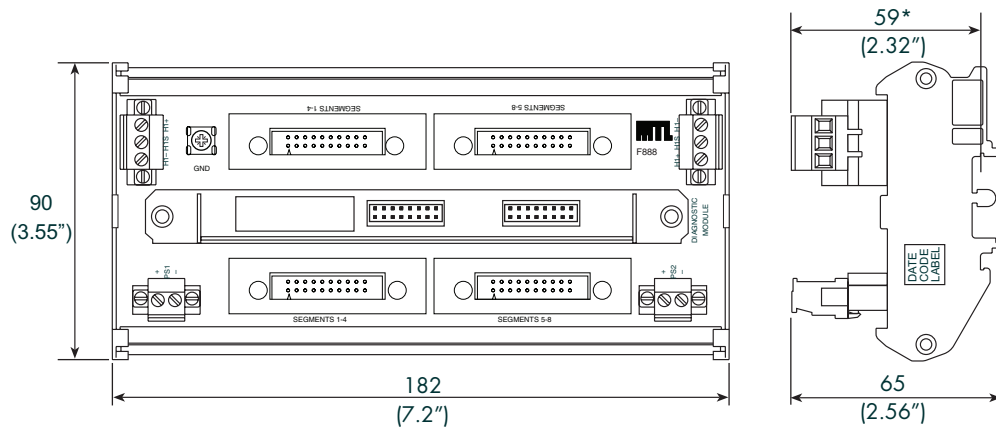
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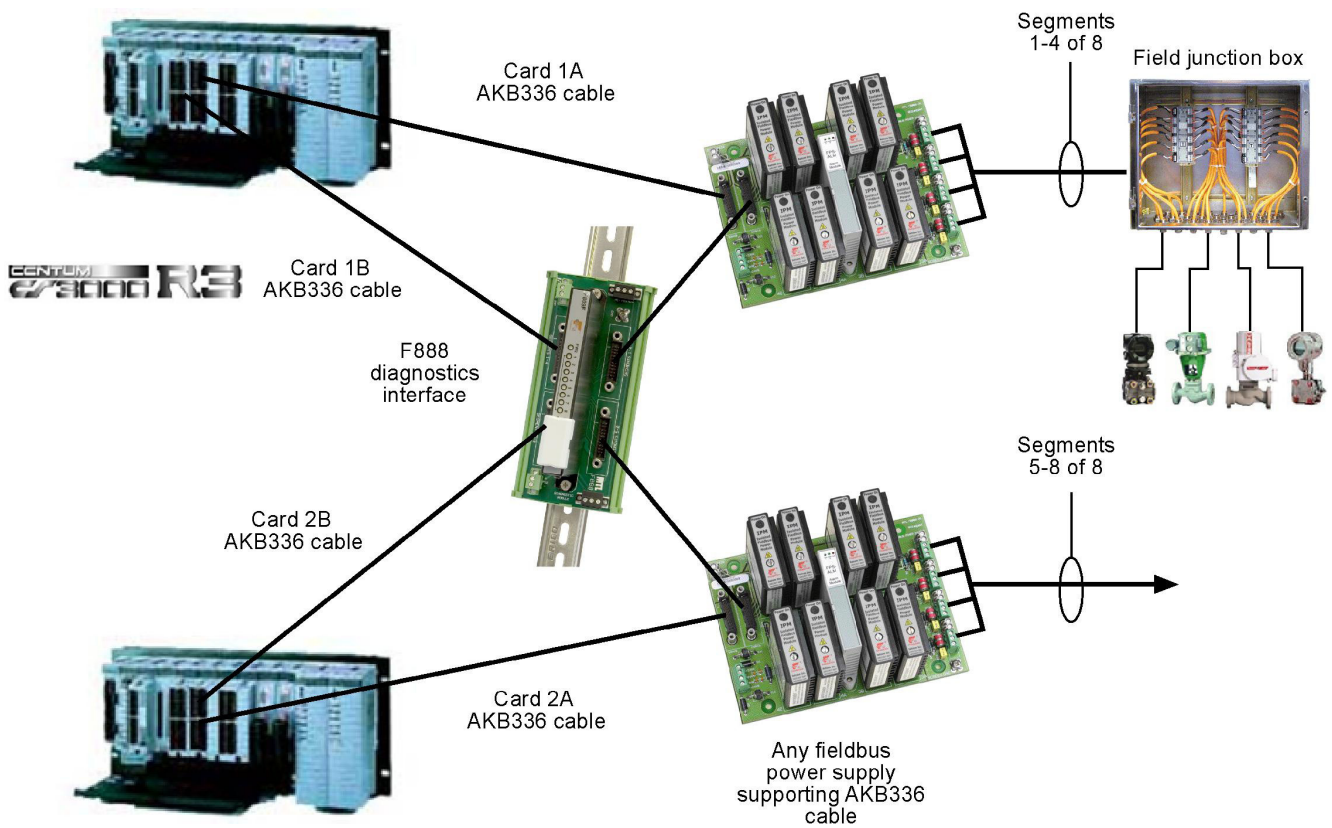
EPS F888 Rev1 070410

F888 DIMENSIONS - mm (inches)



* 175 (6.9") from DIN rail with F809F fitted

F888 SYSTEM DIAGRAM



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