

Migrating from FG-110 to FG-200

FG-200 vs FG-110

	FG-110	FG-200
CPU	PowerPC 805T 100MHz	Cortex A9 400 MHz
H1 Interface (MAU)	Inductive coupling (no bus power required)	Bus-powered (10 mA drawn from bus)
Ethernet Ports	1	2 (medium redundancy, same IP address)
Redundancy Communication	Serial Link (115,2 kBits/s) and Ethernet	Serial Link (1 MBits/s) only, no load on Ethernet
Cabling	All connectors on front side	Fieldbus: buttom Ethernet: front Power: top or power bus in Din rail
Mechanical Comatibility		R.STAHL bus carrier
Dimensions	131 mm x 47 mm x 111 mm	100 mm x 35 mm x 105 mm (-46%)

Compatibility

	Functionality	Comments
Engineering	✓	Our support team will assist you migrating the engineering
Mechanical Dimensions	✓	Smaller in each dimension: Same cabinet can be used
Bus Power Supply	✓	10 mA required per Link (same as for all devices and most host systems) FISCO Power Supplies with separate host interface must provide 10 mA on host side
Cabling	✓	Different positions, different connectors: Cables have to be modified
Redundancy Management	✓	FG-100/FG-110 and FG-200 cannot cooperate as redundant pair: No replacement of FG-110 by FG-200 in run possible. Complete redundant pair of Linking Devices has to be replaced at same time.

Modify MTL 9107 FISCO Power Supply for FG-200

