

MCW-211

Media Converter



- Conversion between Ethernet 10/100Base-TX and 100Base-FX
- Transparent for large frames (QoS and VLAN)
- Galvanic isolation and enhanced surge/transient protection
- DIP-switches for:
 - Speed, duplex and Auto-negotiation
 - Flow control
 - Link fault forward
- Auto MDI/MDI-X
- Extended temperature range -25 to +70 C
- Redundant power and wide DC input range

Field of application

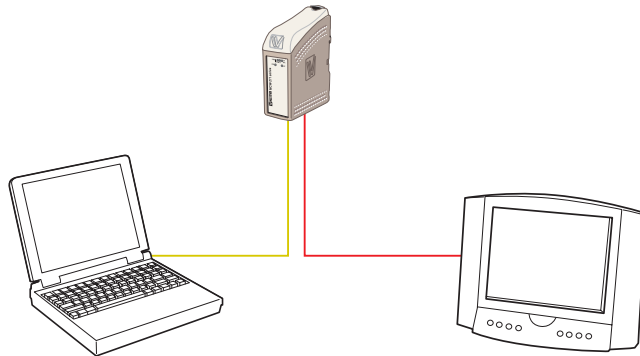
The MCW-211 is an Industrial Ethernet FX/TX Media Converter. The MCW-211 convert data between Ethernet 10/100Base-TX and 100Base-FX.

The unit is easy to use and install caused by auto-negotiation of speed and duplex and auto-crossover and auto-polarity on 10 Mbit/s. The media converter is be transparent for large frames (VLAN or QoS). It is also possible to set speed, duplex and flow control via DIP-switches.

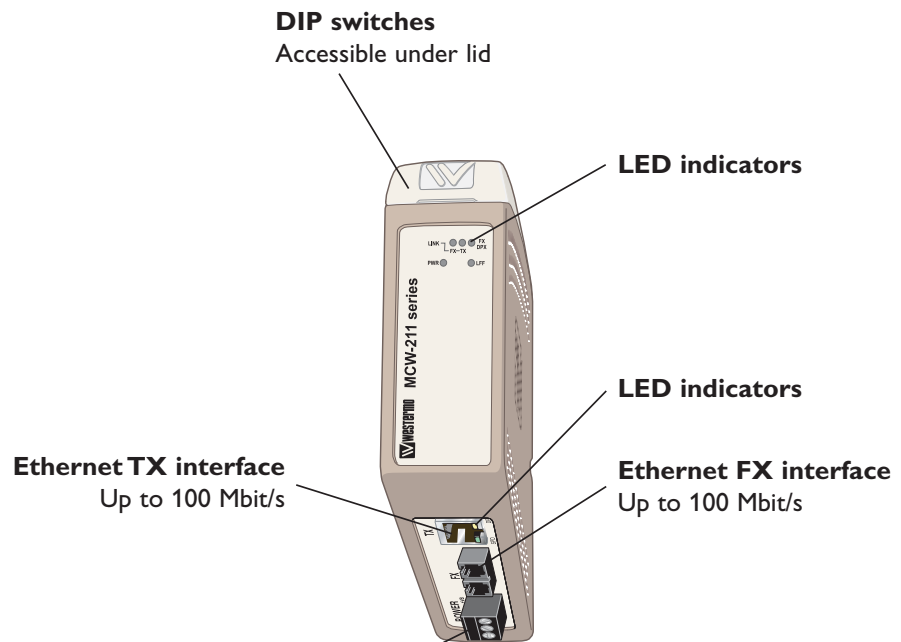
The FX side supports Far-End-Fault indication. A link fault from either side shall be forwarded to the other side, Link Fault Forwarding. Via DIP-switches it is possible to control if both sides or just one (either) side supports LFF.

MCW-211 has a wide DC power input range with polarity protection and redundant power from dual sources. With extended temperature range supported as standard the MCW-211 is designed to be used the harshest environments.

Application



Interfaces



Power

	MCW-211
Operating voltage	10–60 VDC (polarity protected)
Rated current	200 mA @ 12 VDC, 100 mA @ 24 VDC, 50 mA @ 48 VDC
Rated frequency	DC
Connection	Detachable screw terminal

Data sheet available on www.westermo.com