

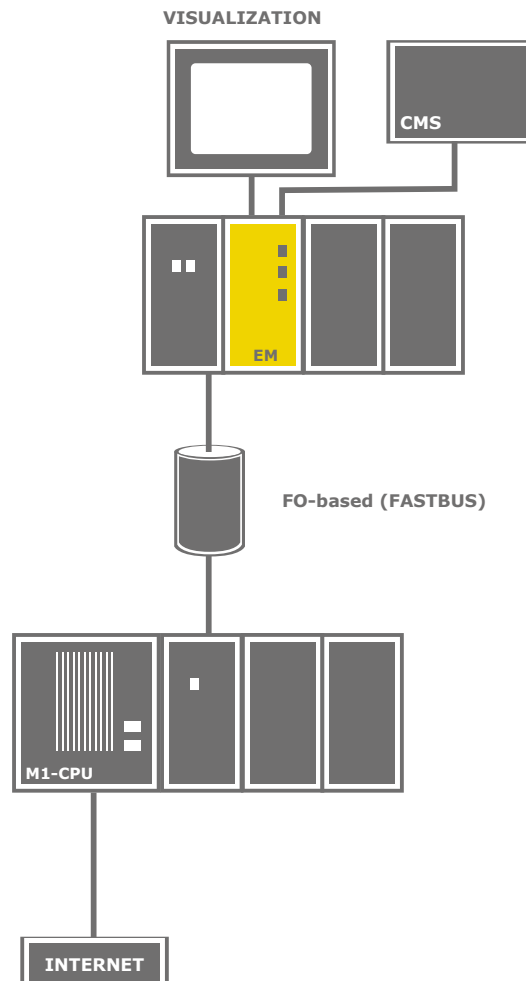


## EM213 Industrie Ethernet Master

The module EM213 extends the control system with an additional Ethernet adapter with 3 ports for 10/100 MBit. Thus Ethernet ports for connection of a service laptop or for other Ethernet-based networking are also available on FASTBUS substations.

- Cable length to 100 m per line
- Status display via LED
- 3xRJ45 connections
- Integrated switch

Item	Item-No.
EM213	00017321-00
EM213 CC	00017470-00



EM213		
Ethernet master		
Number of transceivers	3x 10 / 100BaseT	
Connectors	3x RJ45 / crossed and uncrossed cables can be used (autocross detection)	
Line length	Max. 100 m / line	
Transfer rate to M1 CPU	Max. 2.4 Mbit / s user data	
Transfer rate as switch	Max. 100 Mbit / s	
Line impedance	100 Ω	
Status display	LEDs for power, collision + 4x LinkPuls, 3x speed (10 / 100 Mbit / s)	
Approvals / Certificates		
General	CE, cULus, CCC	
Marine	DNV GL, LR, ABS, BV	
Ambient conditions	Standard	ColdClimate (☼)
Operating temperature	-30 to +60 °C	-30 to +60 °C
Rel. humidity operation	5 to 95 % without condensation	5 to 95 % with condensation
Storage temperature	-40 to +85 °C	
Rel. humidity storage	5 to 95 % without condensation	5 to 95 % with condensation
Pollution degree	2 (without condensation; according to IEC 60664-1)	2 (according to IEC 60664-1)

Order Codes		
Item	Item No.	Description
EM213	00017321-00	Ethernet interface module; RJ45; 3 Ports; Eth100
EM213 CC	00017470-00	Like EM213; ColdClimate (☼)