

Product data sheet

Characteristics

XGSZ33ETH

Connection box Modbus TCP/IP - 3 channels
for XGCS smart antennas



Main

Range of product	Telemecanique Radio frequency identification XG
Product or component type	Connection Ethernet box
Device short name	XGSZ33
Number of channels	3
Communication port protocol	Modbus TCP/IP
Associated smart antenna	XGCS49 XGCS89
Electrical connection	1 male connector M12 4 pins for power supply (A coding) 3 female connectors M12 5 pins for stations XGCS (A coding) 1 connector M12 4 pins for Ethernet network (D coding)
[Us] rated supply voltage	24 V DC conforming to Protective Extra Low Voltage

Complementary

Bus conformity class	A10
Supply voltage limits	19.2...29 V DC
Power consumption in W	1 W
Status LED	Ethernet network activity: 1 LED (green) Supply on: 1 LED (green) Collision detection: 1 LED (red) Fault: 1 LED (red) Diagnostics: 1 LED (yellow)
Communication service	Modbus messaging
Register words	1...123 words
Port Ethernet	10BASE-T 100BASE-TX
Transmission support medium	Ethernet cable
Transmission rate	10/100 Mbit/s
Marking	CE
Net weight	1.06 kg



Environment

Product certifications	UL
Ambient air temperature for operation	0...70 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	30...95 %
IP degree of protection	IP65
EMC filter	Class B EMC filter conforming to EN 55022 Level 3 EMC filter conforming to IEC 61000

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.000 cm
Package 1 Width	17.200 cm
Package 1 Length	24.200 cm
Package 1 Weight	914.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	7.846 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 Yes

Contractual warranty

Warranty	18 months
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Connection Boxes



Wiring Diagram

Ethernet Connections

Socket to Smart Antenna Cabling



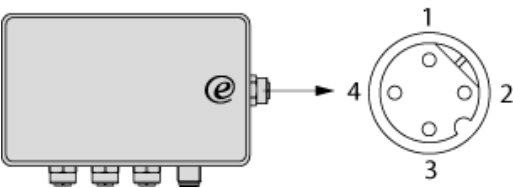
Pin no.	Signal
1	Earth
2	+ 24 VDC
3	0 V
4	D0
5	D1

Socket to Power Supply Cabling

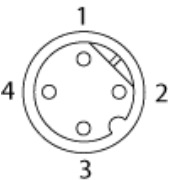


Pin no.	Signal
1	+ 24 VDC
2	+ 24 VDC
3	0 VDC
4	0 VDC

Socket to Ethernet connection



Socket to Ethernet cabling (M12 connectors)



Pin no.	Signal
1	TD+
2	TD-
3	RD+
4	RD-