

TCSAMT31FP

Connection tap off box, Radio frequency identification XG, 3 RFID station to Modbus or UNI TELWAY, M12



Main

Range of Product	Telemecanique Radio frequency identification XG
Product or Component Type	Connection tap-off box
Device short name	TCS
Number of Channels	3
Communication Port Protocol	Modbus Uni-Telway
Associated smart antenna	XGCS49 XGCS89
Electrical connection	1 female connector M12 5 pins network output A coding) 1 male connector M12 4 pins power supply A coding) 1 male connector M12 5 pins A coding) 3 female connectors M12 5 pins stations XGCS A coding)
[Us] rated supply voltage	24 V DC Protective Extra Low Voltage

Complementary

Supply voltage limits	19.2...29 V DC
Status LED	Supply on 1 LED green)
Marking	CE
Net Weight	2.34 lb(US) (1.06 kg)

Environment

Product Certifications	UL
Ambient Air Temperature for Operation	-13...131 °F (-25...55 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Relative humidity	30...95 %
IP Degree of Protection	IP65
EMC filter	Class B EMC filter EN 55022 Level 3 EMC filter IEC 61000

Ordering and shipping details

Category	22490-SENSORS-ULTRASONIC (XX5,6)
Discount Schedule	DS2
GTIN	3389119021333
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.76 in (7.0 cm)
Package 1 Width	6.54 in (16.6 cm)
Package 1 Length	9.06 in (23.0 cm)
Package 1 Weight	29.28 oz (830.0 g)

Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	16.61 lb(US) (7.532 kg)

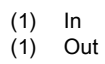
Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes

Contractual warranty

Warranty	18 months
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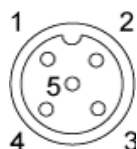
Connection Boxes



Wiring Diagram

Modbus Connections

Socket to Smart Antenna Cabling



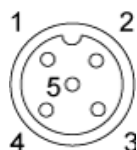
Pin no.	Signal
1	Drain (Modbus-SHLD)
2	+ 24 VDC
3	0 V/Modbus-GND
4	D0
5	D1

Socket to Power Supply Cabling



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

Socket to Another Connection Box Cabling



Pin no.	Signal
1	Drain (Modbus-SHLD)
2	-
3	0 V/Modbus-GND
4	D0
5	D1

Socket to Automation Platform Cabling



Pin no.	Signal
1	Drain (Modbus-SHLD)
2	-

Pin no.	Signal
3	0 V/Modbus-GND
4	D0
5	D1