

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 for network output (A coding) 1 male connector M12 4 pins for power supply (A coding) 1 male connector M12 5 pins (A coding) 3 female connectors M12 5 pins for stations XGCS (A coding)
[Us] rated supply voltage	24 V DC conforming to Protective Extra Low Voltage

Complementary

Supply voltage limits	19.2...29 V DC
Status LED	Supply on: 1 LED (green)
Marking	CE
Net weight	1.06 kg

Environment

Product certifications	UL
Ambient air temperature for operation	-25...55 °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	7.000 cm
Package 1 Width	16.600 cm
Package 1 Length	23.000 cm
Package 1 Weight	830.000 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	7.532 kg

Offer Sustainability

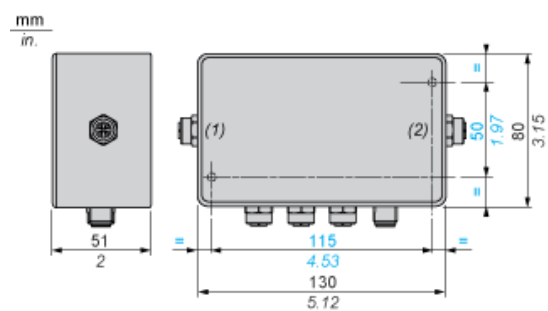
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months
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Dimensions

Connection Boxes



- (1) In
(1) Out

Wiring Diagram

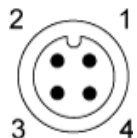
Modbus Connections

Socket to Smart Antenna Cabling



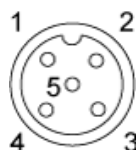
Pin no.	Signal
1	Drain (Modbus-SHLD)
2	+ 24 VDC
3	0 V/Modbus-GND
4	D0
5	D1

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