Product data sheet
Characteristics

TCSEGPA23F14F
Profibus DP V1 remote master - for Premium/ Quantum/M340/M580 PLC



Main

Range of product	Profibus DP
Product or component type	Profibus DP V1 remote master
Kit composition	CD including the communication DTM CD including the Master DTM for PRM configuration inside UNITY
Communication gateway	Ethernet Modbus TCP to Profibus DP V1 gateway
Product compatibility	M340 PLC M580 PLC Quantum PLC Premium PLC
Structure type	Industrial bus

Complementary

Physical interface	RS485
Method of access	Master class 1 Profibus DP Master class 2 Profibus DP Slave Modbus TCP
Mode of transmission	NRZ
Transmission support medium	Profibus 2 twisted shielded pairs cable Modbus TCP category 5 shielded twisted pair (STP)
Transmission rate	12 Mbit/s, 100 m bus for Profibus without repeater 12 Mbit/s, 400 m bus for Profibus with 3 repeaters 9.6 kbit/s, 1200 m bus for Profibus without repeater 9.6 kbit/s, 4800 m bus for Profibus with 3 repeaters 10...100 Mbit/s, 100 m bus for Modbus TCP without repeater
Number of server device(s)	126
Number of inputs	2
Number of outputs	2
Communication service	Check slave configuration (on power up) class 1 master Manage monitoring request (Global CONTROL and Get Master Diag) class 2 master No master/master dialogue class 2 master Profibus FMS message handling not supported class 1 master Profibus FMS message handling not supported class 2 master Read/Write DP slave I/O data class 1 master Set slave parameters (on power up) class 1 master Transfer slave diagnostic data class 1 master Sync and freeze class 1 master Acyclic DP V1 communication (R/W) class 1/2 master
Integrated connection type	2 Ethernet TCP/IP - RJ45 for Modbus TCP Profibus DP - SUB-D 9 for Profibus DP V1
Current consumption	200 mA at 24 V DC external
Module format	Standard
Net weight	0.62 Kg

Environment

Ambient air temperature for operation	0…60 °C
Ambient air temperature for storage	-45…85 °C
Relative humidity	10…95 % without condensation
Operating altitude	<= 2000 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.500 Cm
Package 1 Width	18.200 Cm
Package 1 Length	26.500 Cm
Package 1 Weight	638.000 G
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	5.638 Kg

Offer Sustainability

Mercury free	Yes
Sustainable packaging	Yes
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commerc. announced