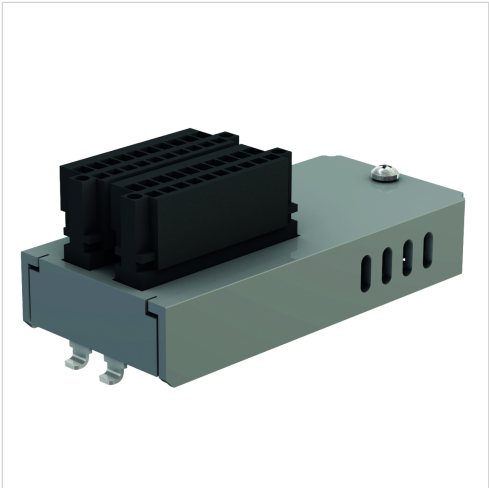


TX-IO-DX06

TX HMI/PLC product series
Plug-in module
Eight DI, six DO, one relay output



Type designation	TX-IO-DX06
Ident-No.	6828203

Technical data

Power supply	
Supply voltage	24 VDC
Admissible range	12 ... 30 VDC
System power supply	From the HMI
System power supply	From the HMI
Voltage supply connection	Pluggable strip with cage clamp terminals
Electrical isolation	optical, 1500 V _{rms}

Features

- Plug-in extension module for use with HMIs from the TX700 and TX800 product series
- I/O module
- Eight digital inputs, 24 VDC, PNP
- Six digital outputs, 24 VDC, 0.5 A, PNP
- One relay, NO contact

Technical data

Nominal system voltage	24 VDC
Voltage supply connection	Pluggable strip with cage clamp terminals
Electrical data	
Short-circuit protection	yes
Digital inputs	
Number of channels	8
Connectivity inputs	1 pluggable strip with spring-type terminals □ 10-pin, 3.5-mm pattern □ (Weidmueller — Omnimate BLZF 3.5/180F)
Input type	PNP
Low-level signal voltage	< 6 V
High level signal voltage	> 12 V
Low level signal current	< 1 mA
High level signal current	> 3 mA
Input delay	< 0.05 ms
Sensor supply	24 VDC
Electrical isolation	1500 V _{rms}
Sensor supply (V _{SENS})	24 VDC
Digital outputs	
Number of channels	6 DO + 1 Relay
Connectivity outputs	1 pluggable strip with spring-type terminals □ 10-pin, 3.5-mm pattern □ (Weidmueller — Omnimate BLZF 3.5/180F)
Output type	PNP and relays
Sensor supply (V _{SENS})	24 VDC
Output voltage	24 VDC
Output current per channel	0.5 A
Simultaneity factor	0.46
Actuator power supply	24 VDC externally fed
Electrical isolation	1500 V _{rms}
Output delay	0,15 ms
Mechanical data	
Dimensions	89,3 mm x 41,2 mm x 33,7 mm
Front (W x H x D)	41,2 mm x 89,3 mm x 33,7 mm
Housing material	Metal
Housing color	Silver

Technical data

Mounting	On HMIs from the TX500 and TX700 product series
Ambient conditions	
Ambient temperature	0...+50 °C
Operating ambient conditions	0...50 °C, 5...85 % rel. humidity, non-condensing
Storage ambient conditions	-20...70 °C, 5...85 % rel. humidity, non-condensing
Storage temperature	-20...+70 °C
Relative humidity	5...85 %, non-condensing
Protection class	IP20
Tests/approvals	
Approvals and certificates	CE, cULus, DNV GL
Comments	
Packaging unit	1