TX HMI/PLC Series
Plug-In Module
8 DI, 6 DO, 1 Relay Output
TX-IO-DX06



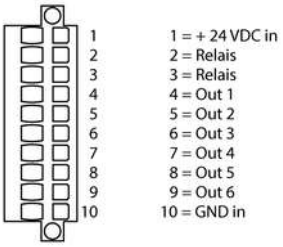
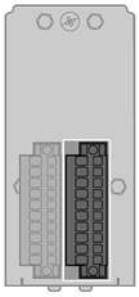
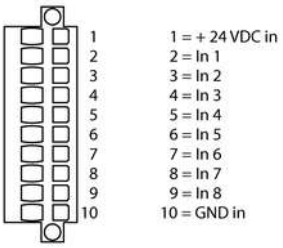
- **Plug-in expansion module for use with HMIs of the TX500 and TX700 product series**
- **I/O Modules**
- **8 digital inputs, 24 VDC, PNP**
- **6 digital outputs, 24 VDC, 0.5 A, PNP**
- **1 relay, NO contact**

Type designation	TX-IO-DX06
Ident no.	6828203
Supply	
Supply voltage	24 VDC
Admissible range	12…30 VDC
System power supply	From the HMI
Voltage supply connection	Pluggable strip with cage clamp terminals
Electrical isolation	optical, 1500 V_{rms}
Digital inputs	
Number of channels	8
Connectivity inputs	1 pluggable strip with cage clamp 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}
Digital outputs	
Number of channels	6 DO + 1 Relay
Connectivity outputs	1 steckbare Federzugklemmleiste 10 pol., 3,5 mm Raster (Weidmueller - Omnimate BLZF 3.5/180F)
Output type	PNP and relays
Output voltage	24 VDC
Output current per channel	0.5 A
Simultaneity factor	0.46
Output delay	0.15 ms
Short-circuit protection	yes
Actuator power supply	24 VDC externally fed
Electrical isolation	1500 V_{rms}
Standard/Directive conformity	
Approvals and certificates	CE, cULus, DNV GL
General Information	
Dimensions (W x L x H)	41.2 x 89.3 x 33.7mm
Operating temperature	0 to +50°C
Storage temperature	-20…+70 °C
Relative humidity	5…85 %, non-condensing
Protection class	IP20
Housing material	Metal
Housing color	Silver
Mounting	On HMIs of the TX500 and TX700 series

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8 DI, 6 DO, 1 Relay Output
TX-IO-DX06

Connection and pin assignment

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<tr>
<td></td>
<td>Digital Outputs and Relays</td>
<td>Pin Assignment CN1

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<tr>
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<td>Digital Inputs</td>
<td>Pin Assignment CN2

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