

Electronics module for ET 200S, 8DI 24 V DC 15 mm width, 1 unit per packing unit



Figure similar

Supply voltage	
Rated value (DC)	
<ul style="list-style-type: none"> <li>• 24 V DC</li> </ul>	Yes
Reverse polarity protection	Yes
Input current	
from supply voltage L+, max.	Dependent on encoder
from backplane bus 3.3 V DC, max.	10 mA
Encoder supply	
Number of outputs	0; no encoder supply
Power loss	
Power loss, typ.	1.2 W
Address area	
Address space per module	
<ul style="list-style-type: none"> <li>• Address space per module, max.</li> </ul>	1 byte
Digital inputs	

Number of digital inputs	8
Input characteristic curve in accordance with IEC 61131, type 1	Yes; 2-wire sensors connectable
<b>Input voltage</b>	
• Type of input voltage	DC
• Rated value (DC)	24 V
• for signal "0"	-30 to +5 V
• for signal "1"	+15 to +30 V
<b>Input current</b>	
• for signal "1", typ.	5 mA
<b>Input delay (for rated value of input voltage)</b>	
for standard inputs	
— parameterizable	No
— at "0" to "1", min.	2 ms
— at "0" to "1", max.	4.5 ms
— at "1" to "0", min.	2 ms
— at "1" to "0", max.	4.5 ms
<b>Cable length</b>	
• shielded, max.	1 000 m
• unshielded, max.	600 m
<b>Encoder</b>	
Connectable encoders	
• 2-wire sensor	Yes
— permissible quiescent current (2-wire sensor), max.	1.5 mA
<b>Interrupts/diagnostics/status information</b>	
Diagnostics function	No
Diagnostics indication LED	
• Status indicator digital input (green)	Yes
<b>Parameter</b>	
Remark	3-byte parameter (not accessible for the user)
<b>Potential separation</b>	
Potential separation digital inputs	
• between the channels	No
• between the channels and backplane bus	Yes
<b>Isolation</b>	
Isolation tested with	500 V DC
<b>Dimensions</b>	
Width	15 mm
Height	81 mm

Depth	52 mm
<b>Weights</b>	
Weight, approx.	35 g
<b>last modified:</b>	08/19/2020