

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>Number of simultaneously controllable inputs</b>	
• Number of simultaneously controllable inputs	8
<b>Input voltage</b>	
• Type of input voltage	DC
• Rated value (DC)	24 V
• for signal "0"	-30 to +5V
• for signal "1"	+15 to +30V
<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>	
<b>Connectable encoders</b>	
• 2-wire sensor	Yes
— permissible quiescent current (2-wire sensor), max.	1.5 mA
<b>Isochronous mode</b>	
Isochronous operation (application synchronized up to terminal)	Yes; TWE = 3000 us
<b>Interrupts/diagnostics/status information</b>	
Diagnostics function	No
<b>Diagnostics indication LED</b>	
• Status indicator digital input (green)	Yes
<b>Parameter</b>	
Remark	3-byte parameter (not accessible for the user)
<b>Potential separation</b>	
<b>Potential separation digital inputs</b>	
• between the channels	No
• between the channels and backplane bus	Yes

### Permissible potential difference

between different circuits 75 V DC/60 V AC

### Isolation

Isolation tested with 500 V DC

### Dimensions

Width 15 mm

Height 81 mm

Depth 52 mm

### Weights

Weight, approx. 35 g

**last modified:** 06/08/2019