

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



Supply voltage

Rated value (DC)	Yes; From power module
<ul style="list-style-type: none"> • 24 V DC 	
Reverse polarity protection	Yes

Input current

from supply voltage L+, max.	Dependent on encoder
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Power loss

Power loss, typ.	1.2 W
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Digital inputs

Number of digital inputs	8
Input characteristic curve in accordance with IEC 61131, type 1	Yes

Input voltage

<ul style="list-style-type: none"> • Type of input voltage 	DC
<ul style="list-style-type: none"> • Rated value (DC) 	24 V
<ul style="list-style-type: none"> • for signal "0" 	-5 to +30V
<ul style="list-style-type: none"> • for signal "1" 	-15 to -30 V

Input current

• for signal "1", typ.	6 mA; at 24 V
Input delay (for rated value of input voltage)	
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
Cable length	
• shielded, max.	1 000 m
• unshielded, max.	600 m
Encoder	
Connectable encoders	
• 2-wire sensor	Yes
— permissible quiescent current (2-wire sensor), max.	1.5 mA
Isochronous mode	
Isochronous operation (application synchronized up to terminal)	Yes
Interrupts/diagnostics/status information	
Diagnostic functions	No
Diagnostics indication LED	
• Group error SF (red)	No
• Status indicator digital input (green)	Yes; per channel
Parameter	
Remark	3 byte
Potential separation	
Potential separation digital inputs	
• 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:

09/01/2018