

ET 200S Compact, 32DI STD, 24 V DC, 3ms, expandable by up to to 12 modules of the ET 200S (no F modules) electronic module



Figure similar

<b>Supply voltage</b>	
Load voltage 1L+	
• Rated value (DC)	24 V
• Reverse polarity protection	Yes
<b>Input current</b>	
from supply voltage 1L+, max.	100 mA
<b>Power loss</b>	
Power loss, typ.	3 W
<b>Address area</b>	
Addressing volume	
• Inputs	100 byte
• Outputs	100 byte
<b>Digital inputs</b>	
Number of digital inputs	32
Input voltage	

<ul style="list-style-type: none"> <li>• Type of input voltage</li> <li>• Rated value (DC)</li> <li>• for signal "0"</li> <li>• for signal "1"</li> </ul>	DC 24 V -30 to +5V 13 to 30V
<b>Input current</b>	
<ul style="list-style-type: none"> <li>• for signal "1", typ.</li> </ul>	4 mA; At 24 V min. 2 mA
<b>Input delay (for rated value of input voltage)</b>	
for standard inputs	
— at "0" to "1", min.	1.2 ms; typically 3 ms
— at "0" to "1", max.	4.8 ms; typically 3 ms
— at "1" to "0", min.	1.2 ms; typically 3 ms
— at "1" to "0", max.	4.8 ms; typically 3 ms
<b>Cable length</b>	
<ul style="list-style-type: none"> <li>• unshielded, max.</li> </ul>	1 000 m
<b>Digital outputs</b>	
Number of digital outputs	0
<b>Interfaces</b>	
Transmission procedure	RS 485
Interface physics, RS 485	Yes
Interface physics, FOC	No
<b>PROFIBUS DP</b>	
<ul style="list-style-type: none"> <li>• Direct data exchange (slave-to-slave communication)</li> <li>• Cable length, max.</li> </ul>	Yes  1 200 m
<b>Protocols</b>	
Supports protocol for PROFINET IO	No
PROFIBUS DP	Yes
<b>Protocols (Ethernet)</b>	
<ul style="list-style-type: none"> <li>• TCP/IP</li> </ul>	No
<b>Isochronous mode</b>	
Isochronous operation (application synchronized up to terminal)	No
<b>Interrupts/diagnostics/status information</b>	
Alarms	No
Diagnostics function	Yes
<b>Diagnostics indication LED</b>	
<ul style="list-style-type: none"> <li>• Bus fault BF (red)</li> <li>• Group error SF (red)</li> <li>• Monitoring 24 V voltage supply ON (green)</li> </ul>	Yes Yes Yes
<b>Isolation</b>	

Isolation tested with	500 V DC
<b>Degree and class of protection</b>	
IP degree of protection	IP20
<b>Dimensions</b>	
Width	120 mm
Height	81 mm
Depth	58 mm
<b>last modified:</b>	05/25/2019