

ET 200S COMPACT, 32DI STD, DC24V, 3MS, EXPANDABLE WITH UP TO 12 ET 200S MODULES (NO F-MODULES) ELECTRONICBLOCK



Figure similar

Supply voltage

Load voltage 1L+

- | | |
|-------------------------------|------|
| • Rated value (DC) | 24 V |
| • Reverse polarity protection | Yes |

Input current

from supply voltage 1L+, max.	100 mA
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Address area

Addressing volume

- | | |
|-----------|----------|
| • Inputs | 100 byte |
| • Outputs | 100 byte |

Digital inputs

Number of digital inputs	32
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Input voltage

- | | |
|-------------------------|------------|
| • Type of input voltage | DC |
| • Rated value (DC) | 24 V |
| • for signal "0" | -30 to +5V |
| • for signal "1" | 13 to 30V |

Input current	
• for signal "1", typ.	4 mA; At 24 V min. 2 mA
Input delay (for rated value of input voltage)	
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
Cable length	
• unshielded, max.	1 000 m
Digital outputs	
Number of digital outputs	0
Interfaces	
Interface physics, RS 485	Yes
Interface physics, FOC	No
PROFIBUS DP	
• Transmission procedure	RS 485
• Direct data exchange (slave-to-slave communication)	Yes
Cable length	
— Cable length, max.	1 200 m
Protocols	
Supports protocol for PROFINET IO	No
PROFIBUS DP	Yes
Protocols (Ethernet)	
• TCP/IP	No
Isochronous mode	
Isochronous operation (application synchronized up to terminal)	No
Interrupts/diagnostics/status information	
Alarms	No
Diagnostic functions	Yes
Diagnostics indication LED	
• Bus fault BF (red)	Yes
• Group error SF (red)	Yes
• Monitoring 24 V voltage supply ON (green)	Yes
Isolation	
Isolation tested with	500 V DC
Degree and class of protection	
IP degree of protection	IP20

Dimensions

Width	120 mm
Height	81 mm
Depth	58 mm
last modified:	14.05.2016