

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
Power loss	
Power loss, typ.	3 W
Address area	
Addressing volume	
• Inputs	100 byte
• Outputs	100 byte
Digital inputs	
Number of digital inputs	32
Input voltage	

<ul style="list-style-type: none"> • Type of input voltage • Rated value (DC) • for signal "0" • for signal "1" 	DC 24 V -30 to +5V 13 to 30V
Input current	
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • unshielded, max. 	1 000 m
Digital outputs	
Number of digital outputs	0
Interfaces	
Interface physics, RS 485	Yes
Interface physics, FOC	No
PROFIBUS DP	
<ul style="list-style-type: none"> • Transmission procedure • Direct data exchange (slave-to-slave communication) 	RS 485 Yes
Cable length	
— Cable length, max.	1 200 m
Protocols	
Supports protocol for PROFINET IO	No
PROFIBUS DP	Yes
Protocols (Ethernet)	
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • Bus fault BF (red) • Group error SF (red) • Monitoring 24 V voltage supply ON (green) 	Yes Yes 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: 03/14/2017 