

SIEMENS

Product data sheet

6ES7151-1CA00-1BL0


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

Supply voltage

Rated value (DC)	24 V
Reverse polarity protection	Yes

Input current

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

Addressing volume

Outputs	100 byte
Inputs	100 byte

Digital inputs

Number/binary inputs	32
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Input voltage

Type of input voltage	DC
Rated value, DC	24 V
for signal "0"	-30 to +5 V

for signal "1"	13 to 30 V
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.	3 ms
at "0" to "1", max.	3 ms
Cable length	
Cable length unshielded, max.	1000 m
Digital outputs	
Number/binary outputs	0
Interfaces	
Interface physics, RS 485	Yes
Interface physics, FOC	No
PROFIBUS DP	
Cable length, max.	1200 m
Transmission procedure	RS 485
Direct data exchange (slave-to-slave communication)	Yes
Protocols	
PROFIBUS DP protocol	Yes
Isochronous mode	
Isochronous operation (application synchronized up to terminal)	No
Interrupts/diagnostics/status information	
Alarms	
Alarms	No
Diagnostic messages	
Diagnostic functions	Yes
Diagnostics indication LED	
Group error SF (red)	Yes
Monitoring 24 V voltage supply ON (green)	Yes
Isolation	
Isolation checked with	500 V DC

Degree and class of protection	
IP20	Yes
Dimensions	
Width	120 mm
Height	81 mm
Depth	758 mm ; 58
Status	Jul 17, 2012