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Data sheet 6ES7197-1LB00-0XA0



Figure similar

SIMATIC S7, Y coupler for setting up a Y-Link for redundant controllers

Supply voltage	
Design of the power supply	via bus module
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption, max.	300 mA
Power loss	
Power loss, typ.	1 W
Interfaces	
PROFIBUS DP	
Properties of the lower-level DP master system	
— Transmission rate, max.	12 Mbit/s; 45.45 kbit/s to 12 Mbit/s
— Termination of lower-level DP master system	active terminating resistor (Bus Terminator)
— Use of OLM/OBT	Yes
— Use of RS 485 repeaters, max.	9
— max. number of DP devices	31; 64 when using RS 485 repeaters or OLM/OBT
Requirements for DP master system	
— Length of parameter assignment telegram	244 byte
Protocols	
PROFIBUS DP	Yes
AS-Interface	No
Interrupts/diagnostics/status information	
Status indicator	No
Alarms	No
Diagnostics function	Yes
Potential separation	
to lower-level DP master system	Yes
Degree and class of protection	
IP degree of protection	IP20
Dimensions	
Width	40 mm
Height	125 mm
Depth	130 mm
Weights	
Weight, approx.	200 g
Classifications	

	Version	Classification
eClass	14	27-24-26-08

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eClass	12	27-24-26-08
eClass	9.1	27-24-26-08
eClass	9	27-24-26-08
eClass	8	27-24-26-08
eClass	7.1	27-24-26-08
eClass	6	27-24-26-08
ETIM	10	EC001604
ETIM	9	EC001604
ETIM	8	EC001604
ETIM	7	EC001604
IDEA	4	3564
UNSPSC	15	32-15-17-05

Approvals / Certificates

General Product Approval	other		Environment
EAC	Confirmation	产品合格 QC PASS	Environmental Confirmations

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