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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		
— Number of DP devices, max.	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**

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eClass	16	27-24-26-08
eClass	14	27-24-26-08
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

Miscellaneous

General Product Approval | EMV | For use in hazardous locations

Manufacturer Declaration | Miscellaneous | China RoHS

For use in hazardous locations | Maritime application

Type Examination Certificate | FM | CCC-Ex

Maritime application

NK / Nippon Kaiji Kyokai

Maritime application | other | Environment

CCS (China Classification Society) | KR (Korean Register of Shipping) | Miscellaneous

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