

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



Figure similar

General information	
Requirements for DP master system	
• Length of parameter assignment telegram	244 byte
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
- Use of OLM/OBT
- Use of RS 485 repeaters, max.
- Number of DP slaves, max.

Active terminating resistor (Bus Terminator)

Yes

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31; 64 when using RS 485 repeaters or OLM/OBT

Protocols

PROFIBUS DP Yes

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

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