

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	active terminating resistor (Bus Terminator)
— Use of OLM/OBT	Yes
— Use of RS 485 repeaters, max.	9
— Number of DP slaves, max.	31; 64 when using RS 485 repeaters or OLM/OBT

#### Protocols

PROFIBUS DP	Yes
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#### Interrupts/diagnostics/status information

Status indicator	No
Alarms	No
Diagnostics function	Yes

#### Potential separation

to lower-level DP master system	Yes
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#### Degree and class of protection

IP degree of protection	IP20
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#### Dimensions

Width	40 mm
Height	125 mm
Depth	130 mm

#### Weights

Weight, approx.	200 g
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