

SIMATIC S7, Y-COUPLER FOR BUILDING 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

Description	via bus module
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V

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
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Alarms

- Alarms No

Diagnostic messages

- Diagnostic functions

Yes

Potential separation

to lower-level DP master system

Yes

Dimensions

Width

40 mm

Height

125 mm

Depth

130 mm

Weights

Weight, approx.

200 g

last modified:

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