



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 message 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 systems

— 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
AS-Interface	No

Interrupts/diagnostics/status information

Status indicator	No
------------------	----

Alarms

- Alarms No

Diagnostic messages	
• Diagnostic functions	Yes
Galvanic isolation	
to lower-level DP master system	Yes
Dimensions	
Width	40 mm
Height	125 mm
Depth	130 mm
Weights	
Weight, approx.	200 g
last modified:	12.03.2015