



SIMATIC S7,
Y-COUPLER FOR BUILDING UP A Y-LINK FOR
REDUNDANT CONTROLLERS

General information

Requirements for DP master system

Length of parameter assignment telegram	244 byte
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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
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
Status	Jul 21, 2014