



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

Figure similar

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
— max. number of DP devices	31; 64 when using RS 485 repeaters or OLM/OBT
Requirements for DP master system	
— Length of parameter assignment telegram	244 byte
Protocols	
PROFIBUS DP	Yes
AS-Interface	No
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
Classifications	
	Version
	Classification

eClass	14	27-24-26-08
eClass	12	27-24-26-08
eClass	9.1	27-24-26-08
eClass	9	27-24-26-08
eClass	8	27-24-26-08
eClass	7.1	27-24-26-08
eClass	6	27-24-26-08
ETIM	10	EC001604
ETIM	9	EC001604
ETIM	8	EC001604
ETIM	7	EC001604
IDEA	4	3564
UNSPSC	15	32-15-17-05

**Approvals / Certificates**

**General Product Approval**



[Miscellaneous](#)



**General Product Approval**

**EMV**

**For use in hazardous locations**

[China RoHS](#)

[Miscellaneous](#)

[Manufacturer Declaration](#)



**For use in hazardous locations**

**Maritime application**

[Type Examination Certificate](#)

[FM](#)



[CCC-Ex](#)



**Maritime application**

**other**

**Environment**



[Miscellaneous](#)



last modified:

4/7/2025