



SIMATIC DP, RS485 terminating resistor for terminating PROFIBUS/MPI networks

Figure similar

Supply voltage		
Rated value (DC)	24 V	
permissible range, lower limit (DC)	20.4 V	
permissible range, upper limit (DC)	28.8 V	
Input current		
Current consumption, typ.	30 mA	
Power loss		
Power loss, max.	0.72 W	
Interfaces		
PROFIBUS DP		
• Transmission rate, max.	12 Mbit/s; 9.6 kbit/s to 12 Mbit/s	
Degree and class of protection		
IP degree of protection	IP20	
Ambient conditions		
Ambient temperature during operation		
• min.	0 °C	
• max.	60 °C	
Ambient temperature during storage/transportation		
• min.	-40 °C	
• max.	70 °C	
Relative humidity		
• Operation, max.	95 %; at +25 °C	
Connection method		
Design of electrical connection for supply voltage	Screw terminal block	
Design of electrical connection for PROFIBUS cables	Screw terminal block	
Dimensions		
Width	60 mm	
Height	70 mm	
Depth	43 mm	
Weights		
Weight, approx.	95 g	
Classifications		
	Version	Classification
eClass	14	27-24-26-92
eClass	12	27-24-26-92
eClass	9.1	27-24-26-92
eClass	9	27-24-26-92

eClass	8	27-24-26-92
eClass	7.1	27-24-26-92
eClass	6	27-24-26-92
ETIM	10	EC002584
ETIM	9	EC002584
ETIM	8	EC002584
ETIM	7	EC002584
IDEA	4	3552
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval

[Miscellaneous](#)

[Manufacturer Declaration](#)



General Product Approval

EMV



[China RoHS](#)

[Manufacturer Declaration](#)



For use in hazardous locations



[Miscellaneous](#)

[CCC-Ex](#)

Maritime application

other



[Miscellaneous](#)

last modified:

4/7/2025