

OFFICIAL MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

6ES7972-0AC80-0XA0

Siemens official documentation for the exact article number.

Source: 6ES7972-0AC80-0XA0.pdf

Selected official Siemens pages follow this cover.



SIMATIC DP, distributed I/O Field device connection RS 485-IS coupler, Fieldbus coupler between PROFIBUS DP and RS485-IS, for controlling intrinsically safe PROFIBUS nodes, installation in hazardous zone 2, for extended temperature range Degree of protection IP20

Supply voltage			
permissible range, lower limit (DC)	20.4 V		
permissible range, upper limit (DC)	28.8 V		
Input current			
Current consumption, max.	150 mA		
Power loss			
Power loss, typ.	3 W		
Degree and class of protection			
IP degree of protection	IP20		
Connection method			
Design of electrical connection for supply voltage	Screw terminal block		
Dimensions			
Width	80 mm		
Height	125 mm		
Depth	67.5 mm; 130 mm		
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](#)

[China RoHS](#)

[Manufacturer Declaration](#)



General Product Approval

For use in hazardous locations



[FM](#)



[Miscellaneous](#)

For use in hazardous locations

Maritime application



[CCC-Ex](#)



Maritime application

Environment



[NK / Nippon Kaiji Kyokai](#)



[CCS \(China Classification Society\)](#)



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