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Data sheet 6DL4172-5AX41-0XX0



SIMATIC CN 4100, expansion module serial RS485, communications processor, supports the data exchange with third-party systems via 4x RS485 interface

General information	
Product type designation	serial RS485 expansion module
Engineering with	
● PCS 7 configurable/integrated from version	V9.0 SP3
● CNET can be configured/integrated as of version	V2.0
Supply voltage	
Rated value (DC)	24 V
Input current	
Current consumption, typ.	350 mA
Current consumption, max.	500 mA
Power loss	
Power loss, typ.	9 W
Power loss, max.	12 W
Hardware configuration	
Slots	
● required slots	1
Interfaces	
Number of RS 485 interfaces	4
Protocols	
Modbus RTU	Yes
Standards, approvals, certificates	
CE mark	Yes
UKCA mark	Yes
Ambient conditions	
Ambient temperature during operation	
● horizontal installation, min.	-30 °C
● horizontal installation, max.	60 °C
● vertical installation, min.	-30 °C
● vertical installation, max.	45 °C
Software	
Pre-installed software	none
Dimensions	
Width	45 mm
Height	185 mm
Depth	112 mm
Weights	
Weight, approx.	0.42 kg
Classifications	

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	Version	Classification
eClass	14	27-24-22-08
eClass	12	27-24-22-08
eClass	9.1	27-24-22-08
eClass	9	27-24-22-08
eClass	8	27-24-22-08
eClass	7.1	27-24-22-08
eClass	6	27-24-22-08
ETIM	10	EC001423
ETIM	9	EC001423
ETIM	8	EC001423
ETIM	7	EC001423

Approvals / Certificates

General Product Approval	other
	Miscellaneous

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