



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	<ul style="list-style-type: none"> <li>• PCS 7 configurable/integrated from version V9.0 SP3</li> <li>• CNET can be configured/integrated as of version V2.0</li> </ul>
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	<ul style="list-style-type: none"> <li>• required slots 1</li> </ul>
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	<ul style="list-style-type: none"> <li>• horizontal installation, min. -30 °C</li> <li>• horizontal installation, max. 60 °C</li> <li>• vertical installation, min. -30 °C</li> <li>• vertical installation, max. 45 °C</li> </ul>
Software	
Pre-installed software	none
Dimensions	
Width	45 mm
Height	185 mm
Depth	112 mm
Weights	
Weight, approx.	0.42 kg

last modified:

2/6/2023 