



CI-8520 ETHERNET INTERFACE

Figure similar

General technical data	
consumed active power / rated value / maximum	2 500 mW
surge voltage / rated value	2 kV
Product details	
number of expandable communication modules	0
Model	
design of the product	communication module
Supply voltage	
supply voltage / at DC	25.2 ... 30.8 V
type of voltage / of the supply voltage	DC
Communication	
protocol / to the higher-level station as server / is supported / IEC 60870-5-104	Yes
protocol / to the substation as master / is supported / IEC 60870-5-103	No
protocol / is supported / IEC 60870-5-103 as slave	No
protocol / to the substation as master / is supported / IEC 60870-5-101	No
protocol / is supported / IEC 60870-5-101 as slave	No
protocol / to the substation as client / is supported / IEC 61850	Yes
protocol / to the higher-level station as server / is supported / IEC 61850	Yes
protocol / at the point-to-point connection / is supported / Modbus RTU as master	No
protocol / is supported / Modbus RTU slave	No
protocol / is supported / Modbus TCP as client	Yes
protocol / is supported / Modbus TCP as server	Yes
protocol / is supported / DNP 3.0 serial as master	No
protocol / is supported / DNP 3.0 serial as slave	No
protocol / is supported / DNP 3.0 TCP as client	Yes
protocol / is supported / DNP 3.0 TCP as server	Yes
protocol / is supported / PROFIBUS DP as master	Yes
protocol / is supported / PROFIBUS DP slave	No
protocol / is supported / PROFINET as master	Yes
protocol / is supported / PROFINET as slave	No
protocol is supported / Ethernet-based IO bus as slave	No
protocol / is supported / PRP	Yes
protocol / is supported / RSTP	Yes
protocol / is supported / HSR	Yes
number of ports / of the Ethernet interface	5

number of optical interfaces	0
number of interfaces / serial	0
property / of the serial interfaces / selectable	No
supply voltage / via serial interfaces	No
Cybersecurity	
product feature / configurable firewall	Yes
Mechanical Design	
width	30 mm
height	132 mm
depth	124 mm
fastening method / standard rail mounting	Yes
fastening method / wall mounting	No
fastening method / rack mounting	No
material / of the enclosure	plastic
product function / with function display	Yes
product function / status display	Yes
Degree of protection / protection class	
operating resource protection class	II
degree of pollution	2
protection class IP / on the front	IP40
Environmental conditions	
ambient temperature / during operation	-25 ... +70 °C
ambient temperature / during storage	-30 ... +85 °C
relative humidity	5 ... 95 %
mounting height in relation to mean sea level / maximum	3 000 m
air pressure / maximum	106 kPa
Approval certification	
certificate of suitability / CE marking	Yes
certificate of suitability / UL approval	Yes
Further information	
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