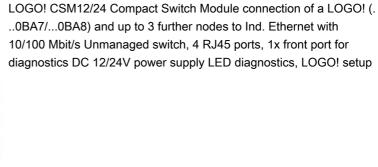
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Data sheet

6GK7177-1MA20-0AA0





Product type designation	LOGO! CSM 12/24			
Transmission rate				
Transfer rate	10 Mbit/s, 100 Mbit/s			
Interfaces / for communication / integrated				
Number of electrical connections				
 for network components or terminal equipment 	4			
Number of 100 Mbit/s SC ports				
• for multimode	0			
Number of 1000 Mbit/s LC ports				
• for multimode	0			
• for single mode (LD)	0			
Interfaces / others				
Number of electrical connections				
for power supply	1			
Type of electrical connection				
• for power supply	3-pole terminal block			
Supply voltage, current consumption, power loss				

12/24 V DC
24 V
10.2 V
30.2 V
Yes
0.15 A
1.5 W

Permitted ambient conditions				
Ambient temperature				
during operation	0 55 °C			
during storage	-40 +70 °C			
 during transport 	-40 +70 °C			
Relative humidity				
 at 25 °C / without condensation / during operation / maximum 	90 %			
Protection class IP	IP20			

LOGO! module	
71.5 mm	
90 mm	
58.2 mm	
0.15 kg	
Yes	
Yes	
No	
No	

Product functions / management, configuration	
Product function	
 multiport mirroring 	No
Product function / switch-managed	No

Standard	s, specific	cations, a	approvais

Standard

• for hazardous zone ATEX: EN 60079-0 : 2009,EN 60079-15 :2010 (Directive 94/9/EC), IECEx: IEC 60079-0 :2011, IEC 60079-15 :2010

• for safety / from CSA and UL UL 508, CSA C22.2 No. 142

• for hazardous zone / from CSA and UL Haz-Loc ANSI/ISA 12.12.01: CL. I, Div2, Group A,B,C,D T4, CL I,

Zone 2, Group IIC, T4, Ta=55°C

Standards, specifications, approvals / CE

Yes

Standards, specifications, approvals / miscellaneous

Certificate of suitability

C-Tick

Yes

KC approval

No

Standards, specifications, approvals / ship classification

Marine classification association

American Bureau of Shipping Europe Ltd.

(ABS)

• Bureau Veritas (BV)

• Det Norske Veritas (DNV)

• Germanische Lloyd (GL)

• Lloyds Register of Shipping (LRS)

• Nippon Kaiji Kyokai (NK)

• Polski Rejestr Statkow (PRS)

No

No

INO

No No

Nο

. . .

No

No

Further Information / Internet Links

Internet-Link

• to website: Selector SIMATIC NET SELECTION TOOL

• to website: Industrial communication

• to website: Industry Mall

• to website: Information and Download Center

• to website: Image database

• to website: CAx Download Manager

• to website: Industry Online Support

http://www.siemens.com/snst

http://www.siemens.com/simatic-net

https://mall.industry.siemens.com

http://www.siemens.com/industry/infocenter

http://automation.siemens.com/bilddb

http://www.siemens.com/cax

https://support.industry.siemens.com

Security information

Security information

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action(e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Thirdparty products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)

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