SIEMENS

Data sheet

Product type designation	LOGO! CSM 12/24

LOGO! CSM 12/24

LOGO! CSM12/24 COMPACT SWITCH MODULE CONNECTING TO LOGO! (...0BA7/...0BA8) AND UP TO 3 ADDITIONAL USERS TO IND. ETHERNET WITH10/100 MBIT/S UNMANAGED SWITCH, 4 RJ45 PORTS, 1XFRONTPORT FOR DIAGNOSTICS 12/24V DC POWER SUPPLY LED DIAGNOSTICS, LOGO! CONFIGURATION

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	
Type of voltage / of the supply voltage	12/24 V DC

Supply voltage	
● external	24 V
● external	10.2 ... 30.2 V
Product component / fusing at power supply input	Yes
Consumed current / maximum	0.15 A
Power loss [W]	
● at DC / at 24 V	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

Design, dimensions and weight

Design	LOGO! module
Width	71.5 mm
Height	90 mm
Depth	58.2 mm
Net weight	0.15 kg
Mounting type	
● 35 mm DIN rail mounting	Yes
● wall mounting	Yes
● S7-300 rail mounting	No
● S7-1500 rail mounting	No

Product functions / management, configuration

Product function	
● multiport mirroring	No
● switch-managed	No

Standards, specifications, approvals

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=0+55°C
Certificate of suitability / CE marking	Yes
● Certificate of suitability / C-Tick	Yes
● Certificate of suitability / KC approval	No

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• Marine classification association / American Bureau of Shipping Europe Ltd. (ABS)	No
• Marine classification association / Bureau Veritas (BV)	No
• Marine classification association / Det Norske Veritas (DNV)	No
• Marine classification association / Germanische Lloyd (GL)	No
• Marine classification association / Lloyds Register of Shipping (LRS)	No
• Marine classification association / Nippon Kaiji Kyokai (NK)	No
• Marine classification association / Polski Rejestr Statkow (PRS)	No

Further Information / Internet Links

Internet-Link

• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

Security information

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