

### Product type designation

### LOGO! CSM 12/24

LOGO! CSM12/24 COMPACT SWITCH MODULE CONNECTING TO LOGO! (...0BA7/...0BA8) AND UP TO 3 ADDITIONAL USERS TO IND. ETHERNET WITH 10/100 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
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### Interfaces

Number of electrical/optical connections	4
<ul style="list-style-type: none"> <li>for network components or terminal equipment / maximum</li> </ul>	
Type of electrical connection	RJ45 port / 1 connection on front of module
<ul style="list-style-type: none"> <li>for network components or terminal equipment</li> </ul>	

### Interfaces / for communication / integrated

Number of electrical connections / for network components or terminal equipment	4
Number of 100 Mbit/s SC ports	0
<ul style="list-style-type: none"> <li>for multimode</li> </ul>	
Number of 1000 Mbit/s LC ports	0
<ul style="list-style-type: none"> <li>for multimode</li> </ul>	
<ul style="list-style-type: none"> <li>for single mode (LD)</li> </ul>	

### Interfaces / others

Number of electrical connections	1
<ul style="list-style-type: none"> <li>• for power supply</li> </ul>	
Type of electrical connection	3-pole terminal block
<ul style="list-style-type: none"> <li>• for power supply</li> </ul>	

### Supply voltage, current consumption, power loss

Type of voltage / of the supply voltage	12/24 V DC
Supply voltage	
<ul style="list-style-type: none"> <li>• external</li> </ul>	24 V
<ul style="list-style-type: none"> <li>• external</li> </ul>	10.2 ... 30.2 V
Product component / fusing at power supply input	Yes
Consumed current / maximum	0.15 A
Power loss [W]	
<ul style="list-style-type: none"> <li>• at DC / at 24 V</li> </ul>	1.5 W

### Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> </ul>	0 ... 55 °C
<ul style="list-style-type: none"> <li>• during storage</li> </ul>	-40 ... +70 °C
<ul style="list-style-type: none"> <li>• during transport</li> </ul>	-40 ... +70 °C
Relative humidity	
<ul style="list-style-type: none"> <li>• at 25 °C / without condensation / during operation / maximum</li> </ul>	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	
<ul style="list-style-type: none"> <li>• 35 mm DIN rail mounting</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• wall mounting</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• S7-300 rail mounting</li> </ul>	No
<ul style="list-style-type: none"> <li>• S7-1500 rail mounting</li> </ul>	No

### Product functions / management, configuration

Product function	
<ul style="list-style-type: none"> <li>• multiport mirroring</li> </ul>	No
<ul style="list-style-type: none"> <li>• switch-managed</li> </ul>	No

### Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> <li>• for hazardous zone</li> </ul>	ATEX: EN 60079-0 : 2009, EN 60079-15 :2010 (Directive 94/9/EC), IECEx: IEC 60079-0 :2011, IEC 60079-15 :2010

<ul style="list-style-type: none"> <li>• for safety / from CSA and UL</li> <li>• for hazardous zone / from CSA and UL</li> </ul>	UL 508, CSA C22.2 No. 142 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
<b>Certificate of suitability</b> <ul style="list-style-type: none"> <li>• CE marking</li> <li>• C-Tick</li> <li>• KC approval</li> </ul>	Yes Yes No
<b>Marine classification association</b> <ul style="list-style-type: none"> <li>• American Bureau of Shipping Europe Ltd. (ABS)</li> <li>• Bureau Veritas (BV)</li> <li>• Det Norske Veritas (DNV)</li> <li>• Germanische Lloyd (GL)</li> <li>• Lloyds Register of Shipping (LRS)</li> <li>• Nippon Kaiji Kyokai (NK)</li> <li>• Polski Rejestr Statkow (PRS)</li> </ul>	No No No No No No No

### Further Information / Internet Links

<b>Internet-Link</b> <ul style="list-style-type: none"> <li>• to website: Selector SIMATIC NET SELECTION TOOL</li> <li>• to website: Industrial communication</li> <li>• to website: Industry Mall</li> <li>• to website: Information and Download Center</li> <li>• to website: Image database</li> <li>• to website: CAx Download Manager</li> <li>• to website: Industry Online Support</li> </ul>	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a> <a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a> <a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a> <a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a> <a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a> <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
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