

Product type designation



LOGO! CSM 230

LOGO! CSM 230 COMPACT SWITCH MODULE CONNECT. TO LOGO! (...0BA7) AND UP TO 3 ADDITIONAL CLIENTS TO IND. ETHERNET W. 10/100 MBIT/S UNMANAGED SWITCH, 4 RJ45 PORTS, 1XFRONTPORT FOR DIAGNOSTICS 115... 240 V AC/DC

Transmission rate

Transfer rate	10 Mbit/s, 100 Mbit/s
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Interfaces

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

Interfaces / for communication / integrated

Number of 100 Mbit/s SC ports / for multimode	0
Number of 1000 Mbit/s LC ports / for multimode	0

Interfaces / others

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

Supply voltage, current consumption, power loss

Type of voltage / of the supply voltage	AC/DC 115...240 V
Supply voltage	
<ul style="list-style-type: none"> external 	230 V
<ul style="list-style-type: none"> external 	100 ... 240 V

Product component / fusing at power supply input	Yes
Consumed current / maximum	0.02 A
Active power loss	
<ul style="list-style-type: none"> • with AC / at 230 V 	1.8 W

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation 	0 ... 55 °C
<ul style="list-style-type: none"> • during storage 	-40 ... +70 °C
<ul style="list-style-type: none"> • during transport 	-40 ... +70 °C
Relative humidity	
<ul style="list-style-type: none"> • at 25 °C / without condensation / during operation / maximum 	90 %
Protection class IP	IP20

Design, dimensions and weight

Design	LOGO! module
Width	72 mm
Height	90 mm
Depth	55 mm
Net weight	0.155 kg
Mounting type	
<ul style="list-style-type: none"> • 35 mm DIN rail mounting 	Yes
<ul style="list-style-type: none"> • wall mounting 	Yes
<ul style="list-style-type: none"> • S7-300 rail mounting 	No
<ul style="list-style-type: none"> • S7-1500 rail mounting 	No

Product functions / management, configuration

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

Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> • for FM 	FM3600 and 3611: CL I, Div2, Group A,B,C,D T4, CL I, Zone 2, Group IIC, T4, Ta=0↕+55°C
<ul style="list-style-type: none"> • for hazardous zone 	no
<ul style="list-style-type: none"> • for safety / from CSA and UL 	UL60079-0, UL60079-15, CSA C22.2
Certificate of suitability	
<ul style="list-style-type: none"> • CE marking 	Yes
<ul style="list-style-type: none"> • C-Tick 	Yes
<ul style="list-style-type: none"> • KC approval 	No
Marine classification association	
<ul style="list-style-type: none"> • American Bureau of Shipping Europe Ltd. (ABS) 	No

• Bureau Veritas (BV)	No
• Det Norske Veritas (DNV)	No
• Germanische Lloyd (GL)	No
• Lloyds Register of Shipping (LRS)	No
• Nippon Kaiji Kyokai (NK)	No
• 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/automation/net/catalog
• 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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