

### 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 |
|---------------|-----------------------|

### Interfaces

|  |   |
|--|---|
| Number of electrical/optical connections   | 4   |
| <ul style="list-style-type: none"> <li>for network components or terminal equipment / maximum</li> </ul> |   |
| Number of electrical connections   | 4   |
| <ul style="list-style-type: none"> <li>for network components or terminal equipment</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 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                              | 115...240 V AC/DC |
| Supply voltage   |                   |
| <ul style="list-style-type: none"> <li>• external</li> </ul>         | 230 V             |
| <ul style="list-style-type: none"> <li>• external</li> </ul>         | 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"> <li>• at AC / at 230 V</li> </ul> | 1.8 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   | 72 mm        |
| Height  | 90 mm        |
| Depth   | 55 mm        |
| Net weight  | 0.155 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 FM</li> </ul> | 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"> <li>• for hazardous zone</li> <li>• for safety / from CSA and UL</li> </ul>  | no<br>UL60079-0, UL60079-15, CSA C22.2 |
| Certificate of suitability <ul style="list-style-type: none"> <li>• CE marking</li> <li>• C-Tick</li> <li>• KC approval</li> </ul>  | Yes<br>Yes<br>No                       |
| Marine classification association <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<br>No<br>No<br>No<br>No<br>No<br>No |

### Further Information / Internet Links

|  |   |
|--|---|
| Internet-Link <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><br><br><a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a><br><a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a><br><a href="http://www.siemens.com/automation/net/catalog">http://www.siemens.com/automation/net/catalog</a><br><a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a><br><a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a><br><a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a> |
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### 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. Third-party products that may be in use should also be considered. For more information about industrial security, visit <a href="http://www.siemens.com/industrialsecurity">http://www.siemens.com/industrialsecurity</a> . To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit <a href="http://support.automation.siemens.com">http://support.automation.siemens.com</a> . (V3.4) |
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