

### product-type designation

### SCALANCE X005



SCALANCE X005,  
IE ENTRY LEVEL SWITCH UNMANAGED 5 X  
10/100MBIT/S RJ45 PORTS,  
LED DIAGNOSTICS, IP30,  
24 V DC POWER SUPPLY,  
PROFINET COMPLIANT SLEEVE, WITH MANUAL

### Transmission rate

Transfer rate / 1

10 Mbit/s

Transfer rate / 2

100 Mbit/s

### Interfaces

Number of electrical connections

5

• [nicht versorgt - für Netzkomponenten und Endgeräte]

5

• [nicht versorgt - für Spannungsversorgung]

1

Design of electrical connection

• [nicht versorgt - für Netzkomponenten und Endgeräte]

RJ45 port

• [nicht versorgt - für Spannungsversorgung]

2-pole terminal block

### Inputs/outputs

### Supply voltage, current consumption, power loss

Type of voltage / of the supply voltage

DC

Supply voltage / external

24 V

• minimum

18 V

• maximum

32 V

Yes

0.5A / 60V

Consumed current / [nicht versorgt - maximal]

0.08 A

|                                                                                            |                                   |
|--------------------------------------------------------------------------------------------|-----------------------------------|
| Active power loss / at 24 V / for DC                                                       | 2 W                               |
| <b>Permitted ambient conditions</b>                                                        |                                   |
| Ambient temperature                                                                        |                                   |
| • during the operating phase                                                               | 0 °C ... 65 °C                    |
| • during storage                                                                           | -40 °C ... 80 °C                  |
| • during transport                                                                         | -40 °C ... 80 °C                  |
| Relative humidity / at 25 °C / without condensation / during the operating phase / maximum | 95 %                              |
| Protection class IP                                                                        | IP 30                             |
| <b>Design, dimensions and weight</b>                                                       |                                   |
| Design                                                                                     | Compact                           |
| Width                                                                                      | 40 mm                             |
| Height                                                                                     | 125 mm                            |
| Depth                                                                                      | 124 mm                            |
| net weight                                                                                 | 0.55 kg                           |
| Type of fixing                                                                             |                                   |
| • 35 mm DIN rail mounting                                                                  | Yes                               |
| • wall-mounting                                                                            | Yes                               |
| • S7-300 rail mounting                                                                     | Yes                               |
| <b>Product properties, functions, components / general</b>                                 |                                   |
| <b>Standards, specifications, approvals</b>                                                |                                   |
| Standard                                                                                   |                                   |
| • for safety / of CSA and UL                                                               | UL 60950-1, CSA C22.2 No. 60950-1 |
| • for emitted interference                                                                 | EN 61000-6-4 (Class A)            |
| • for interference immunity                                                                | EN 61000-6-2                      |
| Verification of suitability                                                                | EN 61000-6-2, EN 61000-6-4        |
| • CE-mark                                                                                  | Yes                               |
| • C-Tick                                                                                   | Yes                               |
| •                                                                                          | Yes                               |
| •                                                                                          | Yes                               |
| Marine classification association/ Polski Rejestr Statkow (PRS)                            |                                   |
| • [nicht versorgt - American Bureau of Shipping Europe Ltd. (ABS)]                         | Yes                               |
| • [nicht versorgt - Bureau Veritas (BV)]                                                   | Yes                               |
| • [nicht versorgt - Det Norske Veritas (DNV)]                                              | No                                |
| • [nicht versorgt - Germanische Lloyd (GL)]                                                | No                                |
| • Lloyds Register of Shipping (LRS)                                                        | Yes                               |
| • Nippon Kaiji Kyokai (NK)                                                                 | Yes                               |
| •                                                                                          | No                                |
| <b>letzte Änderung:</b>                                                                    | Feb 7, 2011                       |