

### Product type designation

### SCALANCE XB004-1

SCALANCE XB004-1 UNMANAGED INDUSTRIAL ETHERNET SWITCH FOR 10/100MBIT/S; WITH 4 X 10/100MBIT/S TWISTED PAIR- PORTS WITH RJ45-SOCKETS; 1 X100MBIT/S MULTIMODE GLASS FOC-PORT WITH SC-SOCKET; FOR CONFIGURING SMALL STAR- AND LINE TOPOGRAPHIES; LED-DIAGNOSIS, IP20, 24 V DC POWER SUPPLY, MANUAL AVAILABLE AS DOWNLOAD



### Transmission rate

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

### Interfaces / for communication / integrated

Number of electrical connections	4; RJ45
<ul style="list-style-type: none"> <li>for network components or terminal equipment</li> </ul>	
Number of 100 Mbit/s SC ports	1
<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	AC/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>	19.2 ... 28.8 V
<ul style="list-style-type: none"> <li>at AC</li> </ul>	24 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	0.6 A / 60 V
Consumed current / maximum	0.11 A
Power loss [W]	
<ul style="list-style-type: none"> <li>at DC / at 24 V</li> </ul>	2.64 W

#### Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> </ul>	-10 ... +60 °C
<ul style="list-style-type: none"> <li>during storage</li> </ul>	-40 ... +80 °C
<ul style="list-style-type: none"> <li>during transport</li> </ul>	-40 ... +80 °C
Relative humidity	
<ul style="list-style-type: none"> <li>at 25 °C / without condensation / during operation / maximum</li> </ul>	95 %
Protection class IP	IP20

#### Design, dimensions and weight

Design	Box
Width	45 mm
Height	100 mm
Depth	87 mm
Net weight	0.165 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>S7-1500 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>CoS</li> </ul>	Yes
<ul style="list-style-type: none"> <li>switch-managed</li> </ul>	No

#### Product functions / Redundancy

Product function	
<ul style="list-style-type: none"> <li>Parallel Redundancy Protocol (PRP)/operation in the PRP-network</li> </ul>	Yes
<ul style="list-style-type: none"> <li>Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)</li> </ul>	No

#### Standards, specifications, approvals

Standard	
----------	--