## SIEMENS

## Data sheet

## 6GK5206-1BC00-2AF2



SCALANCE XF206-1, flat, Managed IE switch, 6x 10/100 Mbit/s RJ45 ports, 1x 100 Mbit/s FO port, Error signaling contact with set pushbutton, redundant power supply, PROFINET IO device, network management, Redundancy Manager integrated, incl. electron. manual on CD-ROM, C-PLUG optional.

transfer rate       10 Mbl/s, 100 Mbl/s         Interfaces / for communication / Integrated       6         number of electrical connections       6         • for metwork components or terminal equipment       6         number of floot Mbl/s ST(BFOC) ports       6         • for multimode       1         Interfaces / other       1         number of electrical connections       1         • for signaling contact       1         • for signaling contact       1         • for power supply       1         type of electrical connection       2-pole terminal block         • for power supply       4-pole terminal block         design of the removable storage       -         • C-PLUG       Yes         signal inputs/outputs       0.1 A         operating voltage / of the signaling contacts       -         • at DC / maximum       0.1 A         supply voltage, current / of the signaling contacts       -         • at DC / maximum       0.1 A         supply voltage / 11 of the supply voltage       DC         • supply voltage / 11 of the supply voltage       DC         • supply voltage / 11 rated value       4.0 W         • supply voltage / 11 rated value       4.0 W <td< th=""><th>product type designation</th><th>SCALANCE XF206-1</th></td<>	product type designation	SCALANCE XF206-1
Interfaces         I for retwork components or terminal equipment         6           number of electrical connections         6           • for network components or terminal equipment         6           number of 100 Mbit/s ST(BFOC) ports         1           Interfaces / other         1           number of electrical connections         1           • for signaling contact         1           • for signaling contact         2-pole terminal block           • for power supply         4-pole terminal block           • at DC / rated value         24 V           • at DC / maximum         0.1 A           supply         Ves           supply         0.1 A           supply voltage, current consumption, power loss         Product component / connection for redundant voltage           supply         Ves         Supply           type of voltage / 1 / rated value         4.08 W           • supply voltage / 1 / rated value         4.08 W           • supply voltage / 1 / rated value         1.1 / 33 V <t< td=""><td>transfer rate</td><td></td></t<>	transfer rate	
number of electrical connections       6         • for network components or terminal equipment       6         number of 100 Mbit/s ST(BFOC) ports       1         • for multimode       1         number of electrical connections       1         • for signaling contact       1         • for power supply       1         type of electrical connection       2-pole terminal block         • for power supply       4-pole terminal block         design of the removable storage       -         • C-PLUG       Yes         signal inputs/outputs       0.1 A         operating voltage / of the signaling contacts       -         • at DC / rated value       0.1 A         operating voltage / 1 of the signaling contacts       -         • at DC / maximum       0.1 A         supply voltage / 1 / rated value       24 V         operational voltage / 1 / rated value       24 V         • power loss [W] / 1 / rated value       24 V         • power loss [W] / 1 / rated value       4.08 W         • supply voltage / 1 / rated value       4.08 W         • supply voltage / 1 / rated value       4.08 W         • supply voltage / 1 / rated value       1.1 A / 33 V         momend current / 1 / maximum       0.17 A <td>transfer rate</td> <td>10 Mbit/s, 100 Mbit/s</td>	transfer rate	10 Mbit/s, 100 Mbit/s
• for network components or terminal equipment     6       number of 100 Mbl/ts ST(BFOC) ports     1       • for multimode     1       Interfaces / other     1       number of electrical connections     1       • for signaling contact     1       • for signaling contact     1       • for signaling contact     2-pole terminal block       • for signaling contact     2-pole terminal block       • for power supply     4-pole terminal block       • for power supply     4-pole terminal block       • disgin of the removable storage     -       • C-PLUG     Yes       signal inputs/outputs     24 V       operating voltage / of the signaling contacts     0.1 A       • at DC / rated value     24 V       operational current / of the signaling contacts     0.1 A       supply voltage, current consumption, power loss     Terminal block       • at DC / maximum     0.1 A       supply voltage / 1 / rated value     24 V       • power loss [W] / 1 / rated value     24 V       • power loss [W] / 1 / rated value     24 V       • power loss [W] / 1 / rated value     18 32 V       • consumed current / 1 / maximum     0.17 A       • supply voltage / 1 / rated value     18 32 V       • consumed current / 1 / maximum     0.17 A    <	interfaces / for communication / integrated	
number of 100 Mbit/s ST(BFOC) ports       1         interfaces / other       1         number of electrical connections       1         i for signaling contact       1         i for power supply       1         type of electrical connection       2-pole terminal block         i for power supply       4-pole terminal block         design of the removable storage       -C-PLUG         i e C-PLUG       Yes         signal inputs/outputs       24 V         operating voltage / of the signaling contacts       0.1 A         supply voltage, current consumption, power loss       product component / connection for redundant voltage         supply       Ves         supply voltage / 1 / rated value       24 V         operations [W] / 1 / rated value       24 V         operations current / of the supply voltage       DC         supply voltage / 1 / rated value       4.08 W         supply voltage / 1 / rated value       4.08 W         e supply voltage / 1 / rated value       4.08 W         e supply voltage / 1 / rated value       4.08 W         e type of electrical connection / 1 / for power supply       4-pole terminal block         yers of the supply voltage / 1 / rated value       4.08 W         i type of electrical connection / 1 / for	number of electrical connections	
<ul> <li>for multimode</li> <li>Interfaces / other</li> <li>number of electrical connections</li> <li>for signaling contact</li> <li>for power supply</li> <li>type of electrical connection</li> <li>for power supply</li> <li>type of electrical connection</li> <li>end row and the signaling contact</li> <li>end row and the signaling contact</li> <li>end row and the signaling contacts</li> <li>end row and row and the signaling contacts</li> <li>end row and row and the signaling contacts</li> <li>end row and r</li></ul>	<ul> <li>for network components or terminal equipment</li> </ul>	6
Interfaces / other         number of electrical connections         • for signaling contact         1         • type of electrical connection         • for signaling contact         • for power supply         1         • type of electrical connection         • for signaling contact         • for power supply         design of the removable storage         • C-PLUG         yes         signal inputs/outputs         operating voltage / of the signaling contacts         • at DC / rated value         0.1 A         supply voltage, current consumption, power loss         product component / connection for redundant voltage supply         type of voltage / 1 / rated value         • supply voltage / 1 / rated value         • supply voltage / 1 / rated value         • power loss [W] / 1 / rated value         • supply voltage / 1 / rated value         • supply voltage / 1 / rated value         • type of electrical connection / 1 / for power supply         • product component / 1 / fusing at power supply input         • type of electrical connection / 1 / for power supply         • product component / 1 / fusing at power supply voltage         10.17 A         4-pole terminal block <t< td=""><td>number of 100 Mbit/s ST(BFOC) ports</td><td></td></t<>	number of 100 Mbit/s ST(BFOC) ports	
number of electrical connections       1         • for signaling contact       1         • for power supply       1         • for signaling contact       2-pole terminal block         • for signaling contact       2-pole terminal block         • for power supply       4-pole terminal block         design of the removable storage       • C-P-LUG         • e. C-P-LUG       Yes         signal inputs/outputs       0.1 A         operational current / of the signaling contacts       0.1 A         supply voltage, current consumption, power loss       Product component / connection for redundant voltage supply         type of voltage / 1 / rated value       24 V         • supply voltage / 1 / rated value       24 V         • power loss [W] / 1 / rated value       24 V         • power loss [W] / 1 / rated value       24 V         • power loss [W] / 1 / rated value       24 V         • supply voltage / 1 / rated value       24 V         • power loss [W] / 1 / rated value       4.08 W         • supply voltage / 1 / rated value       18 32 V         • consumed current / 1 / maximum       0.17 A         • type of electrical connection / 1 / for supply voltage       1.1 A / 33 V         ambient temperature       4.00 °C         • durin	for multimode	1
<ul> <li>for signaling contact</li> <li>for power supply</li> <li>type of electrical connection</li> <li>for signaling contact</li> <li>for power supply</li> <li>for power supply</li> <li>design of the removable storage</li> <li>C-PLUG</li> <li>Yes</li> <li>signal inputs/outputs</li> <li>operating voltage / of the signaling contacts</li> <li>at DC / rated value</li> <li>24 V</li> <li>operational current / of the signaling contacts</li> <li>at DC / rated value</li> <li>DC / rated value</li> <li>DC / rated value</li> <li>DC / rated value</li> <li>Outrage, current consumption, power loss</li> <li>product component / connection for redundant voltage supply</li> <li>type of voltage / 1 / of the supply voltage</li> <li>DC</li> <li>supply voltage / 1 / rated value</li> <li>ADB W</li> <li>supply voltage / 1 / rated value</li> <li>ADB W</li> <li>supply voltage / 1 / rated value</li> <li>ADB W</li> <li>supply voltage / 1 / rated value</li> <li>ADB W</li> <li>supply voltage / 1 / rated value</li> <li>ADB W</li> <li>supply voltage / 1 / rated value</li> <li>ADB W</li> <li>supply voltage / 1 / rated value</li> <li>ADB W</li> <li>supply voltage / 1 / rated value</li> <li>ADB W</li> <li>supply voltage / 1 / rated value</li> <li>ADB W</li> <li>supply voltage / 1 / rated value</li> <li>ADB W</li> <li>supply voltage / 1 / rated value</li> <li>ADB W</li> <li>supply voltage / 1 / rated value</li> <li>ADB W</li> <li>supply voltage / 1 / rated value</li> <li>ADB W</li> <li>supply voltage / 1 / rated value</li> <li>ADB W</li> <li>Supply voltage / 1 / rated value</li> <li>ADB W</li> <li>Supply voltage / 1 / rated value</li> <li>ADB W</li> <li>Supply voltage / 1 / rated value</li> <li>ADB W</li> <li>Supply voltage / 1 / rated value</li> <li>ADB W</li> <li>ADB W</li> <li>ADB W</li> <li>ADB W</li></ul>	interfaces / other	
• for power supply       1         type of electrical connection       2-pole terminal block         • for power supply       4-pole terminal block         design of the removable storage       4-pole terminal block         operating voltage / of the signaling contacts       4-pole terminal block         • at DC / rated value       24 V         operating voltage / of the signaling contacts       4 DC / rated value         • at DC / rated value       0.1 A         supply voltage, current consumption, power loss       Yes         product component / connection for redundant voltage supply       DC         • supply voltage / 1 / rated value       24 V         • power loss [W] / 1 / rated value       24 V         • power loss [W] / 1 / rated value       24 V         • power loss [W] / 1 / rated value       24 V         • power loss [W] / 1 / rated value       4.08 W         • supply voltage / 1 / rated value       18 32 V         • consumed current / 1 / maximum       0.17 A         • type of electrical connection / 1 / for power supply       4-pole terminal block         • product component / 1 / fusing at power supply input       Yes         ambient temperature       4-pole terminal block         • during operation       -40 +60 °C         • during stora	number of electrical connections	
type of electrical connection <ul> <li>for signaling contact</li> <li>for power supply</li> <li>design of the removable storage</li> <li>cPLUG</li> <li>Yes</li> </ul> signal inputs/outputs           operating voltage / of the signaling contacts               at DC / rated value               operational current / of the signaling contacts               at DC / rated value               operational current / of the signaling contacts               at DC / rated value               operational current / of the signaling contacts               at DC / maximum               0.1 A               supply voltage, current consumption, power loss               product component / connection for redundant voltage               supply voltage / 1 / rated value               supply voltag	<ul> <li>for signaling contact</li> </ul>	1
<ul> <li>for signaling contact</li> <li>for signaling contact</li> <li>for power supply</li> <li>design of the removable storage</li> <li>C-PLUG</li> <li>Yes</li> <li>signal inputs/outputs</li> <li>operating voltage / of the signaling contacts</li> <li>at DC / rated value</li> <li>24 V</li> <li>operational current / of the signaling contacts</li> <li>at DC / maximum</li> <li>0.1 A</li> <li>supply voltage / 1 / of the supply voltage</li> <li>product component / connection for redundant voltage supply</li> <li>type of voltage / 1 / rated value</li> <li>24 V</li> <li>operations (W] / 1 / rated value</li> <li>aubely voltage / 1 / ra</li></ul>	for power supply	1
• for power supply       4-pole terminal block         design of the removable storage       • C-PLUG         • C-PLUG       Yes         signal inputs/outputs       operating voltage / of the signaling contacts         • at DC / rated value       24 V         operational current / of the signaling contacts       0.1 A         supply voltage, current consumption, power loss       Product component / connection for redundant voltage supply         type of voltage / 1 / of the supply voltage       DC         • supply voltage / 1 / rated value       4.08 W         • supply voltage / 1 / rated value       4.08 W         • supply voltage / 1 / rated value       18 32 V         • consumed current / 1 / maximum       0.17 A         • type of electrical connection / 1 / for power supply       4-pole terminal block         • product component / 1 / fusing at power supply uput       Yes         • tuse protection type / 1 / at input for supply voltage       1.1 A / 33 V         amblent temperature       -40 +60 °C         • during operation       -40 +70 °C         • during transport       -40 +70 °C	type of electrical connection	
design of the removable storage       -         • C-PLUG       Yes         signal inputs/outputs       operating voltage / of the signaling contacts         • at DC / rated value       24 V         operational current / of the signaling contacts       24 V         • at DC / maximum       0.1 A         supply voltage, current consumption, power loss       Product component / connection for redundant voltage supply         product component / connection for redundant voltage       Yes         supply voltage / 1 / of the supply voltage       DC         • supply voltage / 1 / rated value       24 V         • power loss [W] / 1 / rated value       4.08 W         • supply voltage / 1 / rated value       18 32 V         • consumed current / 1 / maximum       0.17 A         • type of electrical connection / 1 / for power supply       Yes         • product component / 1 / fusing at power supply upply       Yes         • for of the storage mathemature       -40 +60 °C         • during operation       -40 +70 °C         • during transport       -40 +70 °C	<ul> <li>for signaling contact</li> </ul>	2-pole terminal block
	<ul> <li>for power supply</li> </ul>	4-pole terminal block
signal inputs/outputs         operating voltage / of the signaling contacts         • at DC / rated value       24 V         operational current / of the signaling contacts         • at DC / maximum       0.1 A         supply voltage, current consumption, power loss         product component / connection for redundant voltage supply       Yes         type of voltage / 1 / of the supply voltage       DC         • supply voltage / 1 / rated value       24 V         • power loss [W] / 1 / rated value       4.08 W         • supply voltage / 1 / rated value       18 32 V         • consumed current / 1 / maximum       0.17 A         • type of electrical connection / 1 / for power supply       4-pole terminal block         • product component / 1 / fusing at power supply uptage       1.1 A / 33 V         ambient conditions       -40 +60 °C         ambient temperature       -40 +70 °C         • during storage       -40 +70 °C	design of the removable storage	
operating voltage / of the signaling contacts       24 V         operational current / of the signaling contacts       0.1 A         supply voltage, current consumption, power loss       0.1 A         product component / connection for redundant voltage supply       Yes         type of voltage / 1 / of the supply voltage       DC         • supply voltage / 1 / rated value       24 V         • power loss [W] / 1 / rated value       24 V         • power loss [W] / 1 / rated value       24 V         • supply voltage / 1 / rated value       24 V         • power loss [W] / 1 / rated value       4.08 W         • supply voltage / 1 / rated value       18 32 V         • consumed current / 1 / maximum       0.17 A         • type of electrical connection / 1 / for power supply       4-pole terminal block         • product component / 1 / fusing at power supply input       Yes         • fuse protection type / 1 / at input for supply voltage       1.1 A / 33 V         ambient temperature       -40 +60 °C         • during operation       -40 +70 °C         • during transport       -40 +70 °C	• C-PLUG	Yes
• at DC / rated value       24 V         operational current / of the signaling contacts       0.1 A         • at DC / maximum       0.1 A         supply voltage, current consumption, power loss       Yes         product component / connection for redundant voltage       Yes         supply       DC         • supply voltage / 1 / of the supply voltage       DC         • supply voltage / 1 / rated value       24 V         • power loss [W] / 1 / rated value       4.08 W         • supply voltage / 1 / rated value       18 32 V         • consumed current / 1 / maximum       0.17 A         • type of electrical connection / 1 / for power supply       Yes         • product component / 1 / fusing at power supply input       Yes         • fuse protection type / 1 / at input for supply voltage       1.1 A / 33 V         ambient temperature       -40 +60 °C         • during operation       -40 +70 °C         • during transport       -40 +70 °C	signal inputs/outputs	
operational current / of the signaling contacts       0.1 A         supply voltage, current consumption, power loss       Yes         product component / connection for redundant voltage supply       Yes         type of voltage / 1 / of the supply voltage       DC         • supply voltage / 1 / rated value       24 V         • power loss [W] / 1 / rated value       4.08 W         • supply voltage / 1 / rated value       18 32 V         • consumed current / 1 / maximum       0.17 A         • type of electrical connection / 1 / for power supply       4-pole terminal block         • product component / 1 / suing at power supply input       Yes         • fuse protection type / 1 / at input for supply voltage       1.1 A / 33 V         ambient temperature       -40 +60 °C         • during operation       -40 +70 °C         • during transport       -40 +70 °C	operating voltage / of the signaling contacts	
• at DC / maximum       0.1 A         supply voltage, current consumption, power loss       Yes         product component / connection for redundant voltage supply       Yes         type of voltage / 1 / of the supply voltage       DC         • supply voltage / 1 / rated value       24 V         • power loss [W] / 1 / rated value       4.08 W         • supply voltage / 1 / rated value       18 32 V         • consumed current / 1 / maximum       0.17 A         • type of electrical connection / 1 / for power supply       4-pole terminal block         • product component / 1 / fusing at power supply input       Yes         • fuse protection type / 1 / at input for supply voltage       1.1 A / 33 V         ambient temperature       -40 +60 °C         • during operation       -40 +70 °C         • during transport       -40 +70 °C	<ul> <li>at DC / rated value</li> </ul>	24 V
supply voltage, current consumption, power loss         product component / connection for redundant voltage supply       Yes         type of voltage / 1 / of the supply voltage       DC         • supply voltage / 1 / rated value       24 V         • power loss [W] / 1 / rated value       4.08 W         • supply voltage / 1 / rated value       18 32 V         • consumed current / 1 / maximum       0.17 A         • type of electrical connection / 1 / for power supply       4-pole terminal block         • product component / 1 / fusing at power supply input       Yes         • fuse protection type / 1 / at input for supply voltage       1.1 A / 33 V         ambient temperature       -40 +60 °C         • during operation       -40 +70 °C         • during transport       -40 +70 °C	operational current / of the signaling contacts	
product component / connection for redundant voltage       Yes         type of voltage / 1 / of the supply voltage       DC         • supply voltage / 1 / rated value       24 V         • power loss [W] / 1 / rated value       4.08 W         • supply voltage / 1 / rated value       18 32 V         • consumed current / 1 / maximum       0.17 A         • type of electrical connection / 1 / for power supply       4-pole terminal block         • product component / 1 / fusing at power supply input       Yes         • fuse protection type / 1 / at input for supply voltage       1.1 A / 33 V         ambient conditions       -40 +60 °C         • during operation       -40 +70 °C         • during transport       -40 +70 °C	• at DC / maximum	0.1 A
supplytype of voltage / 1 / of the supply voltageDC• supply voltage / 1 / rated value24 V• power loss [W] / 1 / rated value4.08 W• supply voltage / 1 / rated value18 32 V• consumed current / 1 / maximum0.17 A• type of electrical connection / 1 / for power supply4-pole terminal block• product component / 1 / fusing at power supply inputYes• fuse protection type / 1 / at input for supply voltage1.1 A / 33 Vambient temperature-40 +60 °C• during operation-40 +70 °C• during transport-40 +70 °C	supply voltage, current consumption, power loss	
<ul> <li>supply voltage / 1 / rated value</li> <li>power loss [W] / 1 / rated value</li> <li>supply voltage / 1 / rated value</li> <li>18 32 V</li> <li>consumed current / 1 / maximum</li> <li>0.17 A</li> <li>type of electrical connection / 1 / for power supply</li> <li>type of electrical connection / 1 / for power supply</li> <li>product component / 1 / fusing at power supply input</li> <li>fuse protection type / 1 / at input for supply voltage</li> <li>1.1 A / 33 V</li> </ul> ambient conditions           ambient temperature         -40 +60 °C           of uring storage         -40 +70 °C           of uring transport         -40 +70 °C		Yes
<ul> <li>power loss [W] / 1 / rated value</li> <li>supply voltage / 1 / rated value</li> <li>supply voltage / 1 / rated value</li> <li>supply voltage / 1 / rated value</li> <li>arbient connection / 1 / for power supply</li> <li>fuse protection type / 1 / at input for supply voltage</li> <li>fuse protection type / 1 / at input for supply voltage</li> <li>1.1 A / 33 V</li> </ul> <b>ambient conditions</b> ambient temperature         -40 +60 °C           during storage         -40 +70 °C           during transport         -40 +70 °C	type of voltage / 1 / of the supply voltage	DC
<ul> <li>supply voltage / 1 / rated value</li> <li>consumed current / 1 / maximum</li> <li>type of electrical connection / 1 / for power supply</li> <li>product component / 1 / fusing at power supply input</li> <li>fuse protection type / 1 / at input for supply voltage</li> <li>1.1 A / 33 V</li> </ul> ambient conditions           ambient temperature         -40 +60 °C           during storage         -40 +70 °C           during transport         -40 +70 °C	<ul> <li>supply voltage / 1 / rated value</li> </ul>	24 V
• consumed current / 1 / maximum       0.17 A         • type of electrical connection / 1 / for power supply       4-pole terminal block         • product component / 1 / fusing at power supply input       Yes         • fuse protection type / 1 / at input for supply voltage       1.1 A / 33 V         ambient conditions       -40 +60 °C         • during storage       -40 +70 °C         • during transport       -40 +70 °C	<ul> <li>power loss [W] / 1 / rated value</li> </ul>	4.08 W
• type of electrical connection / 1 / for power supply4-pole terminal block• product component / 1 / fusing at power supply inputYes• fuse protection type / 1 / at input for supply voltage1.1 A / 33 Vambient conditions-40 +60 °C• during operation-40 +60 °C• during storage-40 +70 °C• during transport-40 +70 °C	<ul> <li>supply voltage / 1 / rated value</li> </ul>	18 32 V
<ul> <li>product component / 1 / fusing at power supply input</li> <li>fuse protection type / 1 / at input for supply voltage</li> <li>1.1 A / 33 V</li> <li>ambient conditions</li> <li>ambient temperature         <ul> <li>during operation</li> <li>-40 +60 °C</li> <li>-40 +70 °C</li> <li>during transport</li> <li>-40 +70 °C</li> </ul> </li> </ul>	<ul> <li>consumed current / 1 / maximum</li> </ul>	0.17 A
fuse protection type / 1 / at input for supply voltage 1.1 A / 33 V      ambient conditions      ambient temperature         • during operation         • during storage         • during transport         • during transport         • during transport	<ul> <li>type of electrical connection / 1 / for power supply</li> </ul>	4-pole terminal block
ambient conditions         ambient temperature         • during operation         • during storage         • during storage         • during transport         -40 +70 °C         • during transport	<ul> <li>product component / 1 / fusing at power supply input</li> </ul>	Yes
ambient temperature     -40 +60 °C       • during operation     -40 +70 °C       • during transport     -40 +70 °C	<ul> <li>fuse protection type / 1 / at input for supply voltage</li> </ul>	1.1 A / 33 V
• during operation-40 +60 °C• during storage-40 +70 °C• during transport-40 +70 °C	ambient conditions	
<ul> <li>during storage</li> <li>during transport</li> <li>-40 +70 °C</li> <li>-40 +70 °C</li> </ul>	ambient temperature	
• during transport -40 +70 °C	<ul> <li>during operation</li> </ul>	-40 +60 °C
		-40 +70 °C
<ul> <li>note</li> <li>If the IE-Switch XF-200 is installed horizontally, a maximum ambient</li> </ul>	<ul> <li>during transport</li> </ul>	-40 +70 °C
	• note	If the IE-Switch XF-200 is installed horizontally, a maximum ambient

	temperature of +40 °C is permitted
relative humidity	
at 25 °C / without condensation / during operation / maximum	95 %
protection class IP	IP20
design, dimensions and weights	
design	Flat
width	75 mm
height	125 mm
depth	73 mm
net weight	0.25 kg
fastening method	
<ul> <li>35 mm top hat DIN rail mounting</li> </ul>	Yes
<ul> <li>wall mounting</li> </ul>	No
<ul> <li>S7-300 rail mounting</li> </ul>	No
<ul> <li>S7-1500 rail mounting</li> </ul>	No
product features, product functions, product components	/ general
cascading in the case of a redundant ring / at reconfiguration time of <\~0.3\~s	100
cascading in cases of star topology	any (depending only on signal propagation time)
product functions / management, configuration, engineeri	ng
product function	
• CLI	Yes
<ul> <li>web-based management</li> </ul>	Yes
MIB support	Yes
TRAPs via email	Yes
<ul> <li>configuration with STEP 7</li> </ul>	Yes
port mirroring	Yes
multiport mirroring	No
with IRT / PROFINET IO switch	No
<ul> <li>PROFINET IO diagnosis</li> </ul>	Yes
PROFINET conformity class	В
product function / switch-managed	Yes
protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• FTP	Yes
• BOOTP	No
• DCP	Yes
• LLDP	Yes
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
identification & maintenance function	
<ul> <li>I&amp;M0 - device-specific information</li> </ul>	Yes
I&M1 – higher level designation/location designation	Yes
product functions / diagnostics	
product function	
<ul> <li>port diagnostics</li> </ul>	Yes
<ul> <li>statistics Packet Size</li> </ul>	Yes
<ul> <li>statistics packet type</li> </ul>	Yes
error statistics	Yes
product functions / DHCP	
product function	
DHCP client	Yes
product functions / redundancy	
product function	
<ul> <li>ring redundancy</li> </ul>	Yes

<ul> <li>High Speed Redundancy Protocol (HRP)</li> </ul>	Yes
<ul> <li>high speed redundancy protocol (HRP) with redundancy manager</li> </ul>	Yes
<ul> <li>high speed redundancy protocol (HRP) with standby redundancy</li> </ul>	No
protocol / is supported / Media Redundancy Protocol (MRP)	Yes
product function	
<ul> <li>media redundancy protocol (MRP) with redundancy manager</li> </ul>	Yes
<ul> <li>Parallel Redundancy Protocol (PRP)/operation in the PRP-network</li> </ul>	Yes
<ul> <li>Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)</li> </ul>	No
<ul> <li>passive listening</li> </ul>	Yes
product functions / security	
protocol / is supported	
• SSH	Yes
product functions / time	
product function	Vec
SICLOCK support	Yes
protocol / is supported	
• NTP	No
• SNTP	Yes
standards, specifications, approvals	
standard	
● for FM	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4
<ul> <li>for safety / from CSA and UL</li> </ul>	UL 60950-1, CSA C22.2 No. 60950-1
<ul> <li>for emitted interference</li> </ul>	EN 61000-6-4:2001 (Class A)
<ul> <li>for interference immunity</li> </ul>	EN 61000-6-2:2001
MTBF	43.52 y
reference code	
<ul> <li>reference code</li> <li>according to IEC 81346-2</li> </ul>	KF
	KF KFE
<ul><li>according to IEC 81346-2</li><li>according to IEC 81346-2:2019</li></ul>	
according to IEC 81346-2     according to IEC 81346-2:2019 standards, specifications, approvals / CE	KFE
according to IEC 81346-2     according to IEC 81346-2:2019     standards, specifications, approvals / CE     certificate of suitability / CE marking	KFE Yes
according to IEC 81346-2     according to IEC 81346-2:2019     standards, specifications, approvals / CE     certificate of suitability / CE marking     standards, specifications, approvals / hazardous environment	KFE Yes nents
e according to IEC 81346-2     e according to IEC 81346-2:2019     standards, specifications, approvals / CE     certificate of suitability / CE marking     standards, specifications, approvals / hazardous environm     standard / for hazardous zone	KFE Yes hents EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X
according to IEC 81346-2     according to IEC 81346-2:2019     standards, specifications, approvals / CE     certificate of suitability / CE marking     standards, specifications, approvals / hazardous environment	KFE Yes nents EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4,
e according to IEC 81346-2     e according to IEC 81346-2:2019     standards, specifications, approvals / CE     certificate of suitability / CE marking     standards, specifications, approvals / hazardous environm     standard / for hazardous zone	KFE Yes nents EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A,
e according to IEC 81346-2     e according to IEC 81346-2:2019     standards, specifications, approvals / CE     certificate of suitability / CE marking     standards, specifications, approvals / hazardous environm     standard / for hazardous zone     e from CSA and UL	KFE Yes nents EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A,
e according to IEC 81346-2     e according to IEC 81346-2:2019     standards, specifications, approvals / CE     certificate of suitability / CE marking     standards, specifications, approvals / hazardous environm     standard / for hazardous zone     e from CSA and UL     certificate of suitability	KFE Yes EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environment</li> <li>standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> </ul>	KFE Yes EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 Yes
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environm standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> </ul>	KFE Yes nents EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 Yes E240480 (NWHP, NWHP7)
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environment</li> <li>standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> </ul>	KFE Yes Dents EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 Yes E240480 (NWHP, NWHP7) EN 61000-6-2:2001, EN 61000-6-4:2001
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environment</li> <li>standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>C-Tick</li> </ul>	KFE Yes Tents EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 Yes E240480 (NWHP, NWHP7) EN 61000-6-2:2001, EN 61000-6-4:2001 Yes
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environment</li> <li>standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>C.Tick</li> <li>KC approval</li> </ul>	KFE Yes nents EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 Yes E240480 (NWHP, NWHP7) EN 61000-6-2:2001, EN 61000-6-4:2001 Yes Yes
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environment</li> <li>standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>C-Tick</li> <li>KC approval</li> <li>railway application in accordance with EN 50155</li> </ul>	KFE Yes nents EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 Yes E240480 (NWHP, NWHP7) EN 61000-6-2:2001, EN 61000-6-4:2001 Yes Yes No
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environment standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>C-Tick</li> <li>KC approval</li> <li>railway application in accordance with EN 50155</li> <li>railway application in accordance with EN 50124-1</li> </ul>	KFE Yes nents EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 Yes E240480 (NWHP, NWHP7) EN 61000-6-2:2001, EN 61000-6-4:2001 Yes Yes No No
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environment</li> <li>standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>C-Tick</li> <li>KC approval</li> <li>railway application in accordance with EN 50155</li> </ul>	KFE Yes nents EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 Yes E240480 (NWHP, NWHP7) EN 61000-6-2:2001, EN 61000-6-4:2001 Yes Yes No No
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environment standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>C-Tick</li> <li>KC approval</li> <li>railway application in accordance with EN 50155</li> <li>railway application in accordance with EN 50124-1</li> </ul>	KFE Yes nents EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 Yes E240480 (NWHP, NWHP7) EN 61000-6-2:2001, EN 61000-6-4:2001 Yes Yes No No
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environment</li> <li>standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>C-Tick</li> <li>KC approval</li> <li>railway application in accordance with EN 50155</li> <li>railway application in accordance with EN 50124-1</li> <li>standards, specifications, approvals / marine classification</li> </ul>	KFE Yes nents EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 Yes E240480 (NWHP, NWHP7) EN 61000-6-2:2001, EN 61000-6-4:2001 Yes Yes No No
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environment</li> <li>standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>C-Tick</li> <li>KC approval</li> <li>railway application in accordance with EN 50155</li> <li>railway application in accordance with EN 50124-1</li> <li>standards, specifications, approvals / marine classification</li> <li>Marine classification association</li> </ul>	KFE         Yes         nents         EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X         ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4         Yes         E240480 (NWHP, NWHP7)         EN 61000-6-2:2001, EN 61000-6-4:2001         Yes         No         No         No
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environment</li> <li>standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>C-Tick</li> <li>KC approval</li> <li>railway application in accordance with EN 50155</li> <li>railway application in accordance with EN 50124-1</li> <li>standards, specifications, approvals / marine classification</li> <li>Marine classification association</li> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> </ul>	KFE         Yes         nents         EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X         ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4         Yes         E240480 (NWHP, NWHP7)         EN 61000-6-2:2001, EN 61000-6-4:2001         Yes         No         No         No         No         No         Yes
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environments</li> <li>standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>C-Tick</li> <li>KC approval</li> <li>railway application in accordance with EN 50155</li> <li>railway application in accordance with EN 50124-1</li> <li>standards, specifications, approvals / marine classificatio</li> <li>Marine classification association</li> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> <li>French marine classification society (BV)</li> </ul>	KFE         Yes         nents         EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X         ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4         Yes         E240480 (NWHP, NWHP7)         EN 61000-6-2:2001, EN 61000-6-4:2001         Yes
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environments</li> <li>standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>C-Tick</li> <li>KC approval</li> <li>railway application in accordance with EN 50155</li> <li>railway application in accordance with EN 50124-1</li> <li>standards, specifications, approvals / marine classification</li> <li>Marine classification association</li> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> <li>French marine classification society (BV)</li> <li>Det Norske Veritas (DNV)</li> </ul>	KFE         Yes         nents         EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X         ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4         Yes         E240480 (NWHP, NWHP7)         EN 61000-6-2:2001, EN 61000-6-4:2001         Yes         Yes         Yes         No         No         No         No         No         No         No         No         Yes         Yes         Yes         Yes         No         No         No         No         No
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environment</li> <li>standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>C-Tick</li> <li>KC approval</li> <li>railway application in accordance with EN 50155</li> <li>railway application in accordance with EN 50124-1</li> <li>standards, specifications, approvals / marine classification</li> <li>Marine classification association</li> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> <li>French marine classification society (BV)</li> <li>Det Norske Veritas (DNV)</li> <li>Germanische Lloyd (GL)</li> </ul>	KFE         Yes         nents         EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X         ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4         Yes         E240480 (NWHP, NWHP7)         EN 61000-6-2:2001, EN 61000-6-4:2001         Yes         Yes         Yes         No
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environment</li> <li>standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>C-Tick</li> <li>KC approval</li> <li>railway application in accordance with EN 50155</li> <li>railway application in accordance with EN 50124-1</li> <li>standards, specifications, approvals / marine classification</li> <li>Marine classification association</li> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> <li>French marine classification society (BV)</li> <li>Det Norske Veritas (DNV)</li> <li>Germanische Lloyd (GL)</li> <li>DNV GL</li> </ul>	KFE         Yes         hents         EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X         ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4         Yes         E240480 (NWHP, NWHP7)         EN 61000-6-2:2001, EN 61000-6-4:2001         Yes         Yes         Yes         No         No         No         Yes         Yes         Yes         Yes         Yes         Yes         No         No         No         No         Yes
<ul> <li>according to IEC 81346-2</li> <li>according to IEC 81346-2:2019</li> <li>standards, specifications, approvals / CE</li> <li>certificate of suitability / CE marking</li> <li>standards, specifications, approvals / hazardous environe</li> <li>standard / for hazardous zone</li> <li>from CSA and UL</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>CCC / for hazardous zone according to GB standard</li> <li>for cULus HazLoc / as File Nr.</li> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>C-Tick</li> <li>KC approval</li> <li>railway application in accordance with EN 50155</li> <li>railway application in accordance with EN 50124-1</li> <li>standards, specifications, approvals / marine classification</li> <li>Marine classification association</li> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> <li>French marine classification society (BV)</li> <li>Det Norske Veritas (DNV)</li> <li>Germanische Lloyd (GL)</li> <li>DNV GL</li> <li>Lloyds Register of Shipping (LRS)</li> </ul>	KFE         Yes         hents         EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X         ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4         Yes         E240480 (NWHP, NWHP7)         EN 61000-6-2:2001, EN 61000-6-4:2001         Yes         Yes         Yes         No         No         No         Yes         Yes <t< td=""></t<>

<ul> <li>Royal Institution of Naval Architects (RINA)</li> </ul>	Yes
further information / internet-Links	
Internet-Link	
<ul> <li>to web page: selection aid TIA Selection Tool</li> </ul>	http://www.siemens.com/tia-selection-tool
<ul> <li>to website: Industrial communication</li> </ul>	http://www.siemens.com/simatic-net
<ul> <li>to website: Industry Mall</li> </ul>	https://mall.industry.siemens.com
<ul> <li>to website: Information and Download Center</li> </ul>	http://www.siemens.com/industry/infocenter
<ul> <li>to website: Image database</li> </ul>	http://automation.siemens.com/bilddb
<ul> <li>to website: CAx-Download-Manager</li> </ul>	http://www.siemens.com/cax
<ul> <li>to website: Industry Online Support</li> </ul>	https://support.industry.siemens.com
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 http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)

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