

PE400-8SFP Port Extender for SCALANCE XM-400 managed modular IE switch; extension by 8x 100/1000 Mbit/s SFP



| | |
|---|----------------------------|
| Product type designation | SCALANCE PE400-8SFP |
| Transmission rate | |
| Transfer rate | 100 Mbit/s, 1000 Mbit/s |
| Interfaces / for communication / integrated | |
| Number of electrical connections | 8 |
| • for SFP | |
| Interfaces / for communication / pluggable / maximum | |
| Number of electrical connections | 8 |
| • for SFP | |
| Interfaces / others | |
| Number of extender expansion interfaces | 2 |
| Product feature / hot-swappable interface modules | Yes |
| Supply voltage, current consumption, power loss | |
| Consumed current / maximum | 0.07 A |
| Power loss [W] | 1.7 W |
| • at DC / at 24 V | |
| Permitted ambient conditions | |

| | |
|--|---|
| Ambient temperature | |
| <ul style="list-style-type: none"> during operation during storage during transport | <p>-40 ... +60 °C</p> <p>-40 ... +85 °C</p> <p>-40 ... +85 °C</p> |
| Relative humidity | |
| <ul style="list-style-type: none"> at 25 °C / without condensation / during operation / maximum | 95 % |
| Protection class IP | IP20 |

Design, dimensions and weight

| | |
|---|--|
| Design | SIMATIC S7-1500 device design |
| Number of modular height units / relating to 19-inch cabinet | 1 |
| Width | 70 mm |
| Height | 147 mm |
| Depth | 125 mm |
| Net weight | 0.6 kg |
| Mounting type | |
| <ul style="list-style-type: none"> 19-inch installation 35 mm DIN rail mounting wall mounting S7-300 rail mounting S7-1500 rail mounting | <p>No</p> <p>Yes</p> <p>No</p> <p>Yes</p> <p>Yes</p> |

Product functions / management, configuration

| | |
|---------------------------|---|
| PROFINET conformity class | B |
|---------------------------|---|

Standards, specifications, approvals

| | |
|---|--|
| Standard | |
| <ul style="list-style-type: none"> for FM for hazardous zone for safety / from CSA and UL for hazardous zone / from CSA and UL for emitted interference for interference immunity | <p>FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4</p> <p>EN 60079-0: 2009, EN60079-15: 2010, II 3 G Ex nA IIC T4 Gc, KEMA 07 ATEX 0145 X, IECEx DEK 14.0025X</p> <p>UL 508, UL 60950-1, CSA C22.2 Nr. 60950-1-03</p> <p>ISA 12.12.01-2012 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4</p> <p>EN 61000-6-4 (Class A)</p> <p>EN 61000-6-2</p> |

Standards, specifications, approvals / CE

| | |
|---|-----|
| Certificate of suitability / CE marking | Yes |
|---|-----|

Standards, specifications, approvals / miscellaneous

| | |
|---|----------------------------|
| Certificate of suitability | EN 61000-6-2, EN 61000-6-4 |
| <ul style="list-style-type: none"> C-Tick KC approval | <p>Yes</p> <p>Yes</p> |

Standards, specifications, approvals / ship classification

Marine classification association

| | |
|---|-----|
| • American Bureau of Shipping Europe Ltd. (ABS) | Yes |
| • Bureau Veritas (BV) | Yes |
| • Det Norske Veritas (DNV) | No |
| • Germanische Lloyd (GL) | No |
| • DNV GL | Yes |
| • Lloyds Register of Shipping (LRS) | Yes |
| • Nippon Kaiji Kyokai (NK) | Yes |
| • Polski Rejestr Statkow (PRS) | Yes |
| • Royal Institution of Naval Architects (RINA) | Yes |

Standards, specifications, approvals / product conformity

| | |
|------|------|
| MTBF | 63 y |
|------|------|

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/industry/infocenter |
| • 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

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)

last modified:

08/07/2019