

Data sheet

6GK1901-1BE00-0AA2

product type designation



IE FC RJ45 modular outlet (insert 1GE)

IE FC RJ45 modular outlet Base module with insert 1GE Interchangeable insert for 1 x 1000 Mbit/s interface.

transfer rate

transfer rate

- 1 / for Industrial Ethernet
- 2 / for Industrial Ethernet
- 3 / for Industrial Ethernet

| |
|-------------|
| 10 Mbit/s |
| 100 Mbit/s |
| 1000 Mbit/s |

interfaces

number of electrical connections

- for Industrial Ethernet FC TP cables
- for network components or terminal equipment

| |
|---|
| 1 |
| 1 |

type of electrical connection

- for Industrial Ethernet FC TP cables
- for FC RJ45 Modular Outlet Insert 1GE
- FastConnect

| |
|---|
| integrated insulation displacement contacts |
| 1 x RJ45 socket (10/100/1000 Mbit/s) |
| Yes |

mechanical data

material / of the enclosure

metal

number of reuses

10

design, dimensions and weights

| | |
|-----------------------------------|-------------|
| width | 50 mm |
| height | 115.25 mm |
| depth | 58.95 mm |
| net weight | 400 g |
| connectable cable cross-section | 9.5 ... 9.5 |
| fastening method | |
| • 35 mm top hat DIN rail mounting | Yes |
| • wall mounting | Yes |

ambient conditions

| | |
|--|----------------|
| ambient temperature | |
| • during operation | -20 ... +70 °C |
| • during storage | -40 ... +80 °C |
| • during transport | -40 ... +80 °C |
| relative humidity / at 25 °C / without condensation / during operation / maximum | 95 % |
| protection class IP | IP40 |

product features, product functions, product components / general

| | |
|-----------------|-----|
| product feature | |
| • silicon-free | Yes |

standards, specifications, approvals

| | |
|----------------------------|-----|
| certificate of suitability | |
| • RoHS conformity | Yes |

| | |
|---|--|
| • UL approval | Yes |
| EMC immunity | |
| • according to EN 61000-4-2 | Yes |
| • according to EN 61000-4-4 | Yes |
| • according to EN 61000-4-5 | Yes |
| • according to EN 61000-4-6 | Yes |
| standard for structured cabling | Cat 6 |
| reference code | |
| • according to IEC 81346-2:2019 | KFA |
| further information / internet links | |
| internet link | |
| • to website: Selection guide for cables and connectors | https://support.industry.siemens.com/cs/ww/en/view/109766358 |
| • to web page: selection aid TIA Selection Tool | https://siemens.com/tst |
| • to website: Industrial communication | https://www.siemens.com/simatic-net |
| • to web page: SiePortal | https://sieportal.siemens.com/ |
| • to website: Image database | https://www.automation.siemens.com/bilddb |
| • to website: CAx-Download-Manager | https://www.siemens.com/cax |
| • to website: Industry Online Support | https://support.industry.siemens.com |
| security information | |
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Approvals / Certificates

General Product Approval

[Declaration of Conformity](#)



[Miscellaneous](#)



Marine / Shipping



[Confirmation](#)

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