SIEMENS

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.



Technical Product Detail Page	https://i.siemens.com/1P6GK1901-1BE00-0AA2
transfer rate	
transfer rate	
● for Industrial Ethernet	10, 100, 1000 Mbit/s
interfaces	
number of electrical connections	
● for Industrial Ethernet FC TP cables	1
● for network components or terminal equipment	1
type of electrical connection	
● for Industrial Ethernet FC TP cables	integrated insulation displacement contacts
● for FC RJ45 Modular Outlet Insert 1GE	1 x RJ45 socket (10/100/1000 Mbit/s)
● FastConnect	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 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

Subject to change without notice
© Copyright Siemens

● 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

security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates

General Product Approval

Declaration of Conformity | China RoHS | Miscellaneous

General Product Approval | **Maritime application**

last modified: 10/29/2025

Subject to change without notice
© Copyright Siemens