

Data sheet

6GK1901-1BE00-0AA2

Product type designation

IE FC RJ45 modular outlet (insert 1GE)
INDUSTRIAL ETHERNET FASTCONNECT RJ45 MODULAR
OUTLET BASE MODULE WITH 1GE INSERT, REPL. INSERT FOR
1 X 1000 MBIT/S INTERFACE



Electrical data

Transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s
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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
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Design, dimensions and weight

Width	50 mm
Height	115.25 mm
Depth	58.95 mm
Net weight	450 g

Mounting type	
• 35 mm DIN rail mounting	Yes
• wall mounting	Yes

Permitted 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

Standards, specifications, approvals

Certificate of suitability	
• RoHS conformity	Yes
• UL approval	Yes
EMI immunity	
• acc. to DIN EN 61000-4-2	Yes
• acc. to DIN EN 61000-4-4	Yes
• acc. to DIN EN 61000-4-5	Yes
• acc. to DIN EN 61000-4-6	Yes
Standard for structured cabling	Cat 6

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

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