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.

transfer rate	
transfer rate	
● 1 / for Industrial Ethernet	10 Mbit/s
● 2 / for Industrial Ethernet	100 Mbit/s
● 3 / for Industrial Ethernet	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 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

further information / internet links	
internet link	
● to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool
● 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: Selection guide for cables and connectors	https://sie.ag/2QdlxcP
● 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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