SIEMENS

Data sheet 6GK1901-0BE10-0AA0

product type designation	**IE FC RJ45 Keystone RJ45**
product description	Field-assembly RJ45 socket
	IE FC Keystone RJ45 4 x 2 RJ45 outlet that can be assembled in the field; 8-pole; Cat6A; metal enclosure; FC fast connection method; for assembly on DIN rail and 19" panel; 1 pack = 1 unit.



product brand name	SIMATIC NET
Technical Product Detail Page	https://i.siemens.com/1P6GK1901-0BE10-0AA0
suitability for use	For connecting 8-wire IE FC TP cables, Cat6A, metal enclosure, FC quick connection technology, for mounting on DIN rail (housing included in the delivery) and 19 inch Module Frame
transfer rate	
transfer rate	
● for Industrial Ethernet	10, 100, 1000 Mbit/s
● for Industrial Ethernet	10000 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 TP cables (AWG24/AWG26/1, AWG24/AWG26/7)
● FastConnect	Yes
supply voltage	
type of voltage supply	PoE capability (IEEE802.3at)
mechanical data	
material / of the enclosure	metal
number of reuses	10
design, dimensions and weights	
type of cable outlet	180° cable outlet
width	14.7 mm
height	20 mm
depth	36 mm
net weight	40 g
connectable cable diameter	8
fastening method	
● 35 mm DIN-rail mounting	Yes
ambient conditions	
ambient temperature	
● during operation	-40 ... +70 °C
● during storage	-40 ... +70 °C
● during transport	-40 ... +70 °C
relative humidity / at 25 °C / without condensation / during operation / maximum	95 %

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protection class IP	IP20
product features, product functions, product components / general	
product feature	
● PoE capability	Yes
● PoE+ capability	Yes
● silicon-free	Yes
product component / strain relief	Yes
standards, specifications, approvals	
certificate of suitability	
● RoHS conformity	Yes
● cULus approval	Yes
● railway application in accordance with EN 50155	No
standard for structured cabling	Cat6A
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	

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