SIEMENS

Data sheet 6AG1901-1BB20-7AA0

product type designation

RJ45 plug-in connector

SIPLUS NET RJ45 plug 90 2x2 based on 6GK1901-1BB20-2AA0 with conformal coating, -40…+70 °C, RJ45 plug-in connector (10/100 Mbps) with rugged metal enclosure and FC connection system for IE FC cable 2x2, 90° cable outlet 1 pack = 1 unit



Figure similar

product brand name	SIPLUS
Technical Product Detail Page	https://www.siemes.plc.com/?s=6AG1901-1BB20-7AA0
based on	6GK1901-1BB20-2AA0
transfer rate	
transfer rate / for Industrial Ethernet	10, 100 Mbit/s
interfaces	
number of electrical connections	
● for Industrial Ethernet FC TP cables	4
type of electrical connection	
● for Industrial Ethernet FC TP cables	integrated cut-and-clamp contacts for 4-wire TP FC installation cable
ambient conditions	
ambient temperature	
● in horizontal mounting position / during operation	70 ... -40 °C
● during storage and transport	70 ... -40 °C
relative humidity	
● with condensation / according to IEC 60068-2-38 / maximum	100 %; RH incl. condensation / frost (no commissioning in bedewed state), horizontal installation
type of coating	
● for electronic devices in railway applications according to EN 50155	Yes; protective coating of the Class PC2 according to EN 50155:2019
standards, specifications, approvals	
standard for structured cabling	Cat5
further information / internet links	
internet link	
● to website: Selection guide for cables and connectors	https://www.siemes.plc.com/?s=6AG1901-1BB20-7AA0
● to web page: selection aid TIA Selection Tool	https://www.siemes.plc.com/?s=6AG1901-1BB20-7AA0
● to website: Industrial communication	https://www.siemes.plc.com/?s=6AG1901-1BB20-7AA0
● to web page: SiePortal	
● to website: Image database	https://www.siemes.plc.com/?s=6AG1901-1BB20-7AA0
● to website: CAx-Download-Manager	https://www.siemes.plc.com/?s=6AG1901-1BB20-7AA0
● to website: Industry Online Support	https://www.siemes.plc.com/?s=6AG1901-1BB20-7AA0
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

© Copyright Siemes

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.siemes.plc.com/?s=6AG1901-1BB20-7AA0. (V4.7)

Approvals / Certificates

General Product Approval

Manufacturer Declaration

China RoHS

China RoHS

General Product Approval

EMV

last modified: 3/10/2026

© Copyright Siemes