SIEMENS

Data sheet	6GK1901-1BB20-6AA0

Product type designation	IE FC RJ45 Plug PRO (Push Pull)
Product description	RJ45 data connector
	IE FC RJ45 PLUG PRO; IP65; FAST CONNECT; IE; RJ45 PUSH PULL PLUG FOR ON-SITE MOUNTING TO IE FC TP CABLE 2X2; (PACKAGING UNIT 1 PLUG)

Suitability for use	Field-assembly connector for push-pull device connection in high degree of protection

Transmission rate

Transfer rate / for Industrial Ethernet	10 Mbit/s, 100 Mbit/s

Interfaces

Number of electrical connections	
• for Industrial Ethernet FC TP cables	4
• for network components or terminal equipment	1
Type of electrical connection	
• for Industrial Ethernet FC TP cables	integrated cut-and-clamp contacts for 4-wire TP FC installation cable
• for network components or terminal equipment	RJ45 connector (Push Pull device connection)
Type of electrical connection / FastConnect	Yes

Mechanical data

Material / of the enclosure	plastic
Number of reuses	10
Locking mechanism design	Push-pull

07/15/2016

Design, dimensions and weight

Type of cable outlet	180° cable outlet
Width	22 mm
Height	29 mm
Depth	73 mm
Net weight	68.8 g
Connectable cable cross-section	6.5 ... 8 mm

Permitted ambient conditions

Ambient temperature	
• during operation	-40 ... +70 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
Chemical resistance / to water	resistant
Protection class IP	IP65/67

Product properties, functions, 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
• UL approval	Yes
• cULus approval	No
• Railway application in accordance with EN 50155	No
Standard for structured cabling	Cat5

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
last modified:	07/08/2016