SIEMENS

Data sheet

6GK1901-1BB10-6AA0

product type designation

product description



IE RJ45 Plug PRO (Push Pull)

RJ45 data connector

IE RJ45 plug PRO, IP65 push-pull connector for on-site assembly with TP cables $2x\ 2\ 1$ pack = 1 unit.

transfer rate / for industrial Ethemet intorfaces number of electrical connections • for Industrial Ethemet FC TP cables • for network components or terminal equipment itype of electrical connection • for Industrial Ethemet FC TP cables • for network components or terminal equipment itype of electrical connection / FastConnect itype of electrical content itype of electrical connection / FastConnect itype of electrical content itype of electrical condection / FastConnection / Fas	suitability for use	Field-assembly connector for push-pull device connection in high degree of protection
Interfaces number of electrical connections • for Industrial Ethernet FC TP cables • for network components or terminal equipment type of electrical connection • for Industrial Ethernet FC TP cables • for network components or terminal equipment type of electrical connection • for Industrial Ethernet FC TP cables • for network components or terminal equipment type of electrical connection / FastConnect No mechanical data material / of the enclosure locking mechanism design Push-pull design, dimensions and weights type of cable outlet width 22 mm height 30 mm depth 67.7 mm net weight 68.8 g connectable cable cross-section connectable conductor cross-section 0.33 mm² ambient temperature • during operation • during storage • during transport chemical resistance • to water product features • Test Section (Pesh Pull device connection) AU +70 °C • during transport chemical resistance • to water product feature • PoE capability • PoE capability • PoE capability • Secondate connected • Section for the constant of the consta	transfer rate	
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• for Industrial Ethernet FC TP cables • for network components or terminal equipment type of electrical connection • for industrial Ethernet FC TP cables • for network components or terminal equipment • for industrial Ethernet FC TP cables • for network components or terminal equipment type of electrical connection / FastConnect No material / of the enclosure locking mechanism design design, dimensions and weights type of cable outlet width 22 mm height 697, mm net weight 688.8 g connectable conductor cross-section 6.5 6.5 mm connectable conductor cross-section 0.33 mm² ambient conditions ambient temperature • during operation • during storage • during transport chemical resistance • to water product features POEC capability • POE+capability • FOEC capability • Selicon-free • Ves product component	interfaces	
• for network components or terminal equipment type of electrical connection • for Industrial Ethernet FC TP cables • for network components or terminal equipment type of electrical connection / FastConnect No mechanical data material / of the enclosure locking mechanism design design, dimensions and weights type of cable outlet width 2 2mm height 688.8 g connectable cable cross-section 0.33 mm² ambient conditions ambient emperature • during operation • during storage • during transport • during ransport • during ransport • during transport • during transport • owater product features • De Capability • PoE-capability • PoE-capability • Silcon-free product component 180* cable cut-and-clamp contacts for 4-wire TP FC installation cable AWG22 RJ45 connector (Push Pull device connection) RJ46 connector (Push Pull device connection) RJ46 connector (Push Pull device c	number of electrical connections	
type of electrical connection • for Industrial Ethernet FC TP cables • for network components or terminal equipment type of electrical connection / FastConnect Mo mechanical data material / of the enclosure locking mechanism design design, dimensions and weights type of cable outlet width 22 mm height 68.8 g connectable cable cross-section 6.5 6.5 mm connectable cable cross-section connectable conductor cross-section 3.0 smm² ambient conditions ambient emperature • during operation • during storage • during transport chemical resistance • to water product features • PoE capability • PoE capability • PoE capability • Ves product component integrated cut-and-clamp contacts for 4-wire TP FC installation cable AWG22 RJ45 connector (Push Pull device connection) RJ45 connector (Push Pull device connection) RJ45 connector (Push Pull device connection) No method of the enclosure Push-pull devine Connector (Push Pull device connection) No mechanical resistanca integrated cut-and-clamp contacts for 4-wire TP FC installation cable AWG22 RJ45 connector (Push Pull device connection) No mechanical resistanc integrated cut-and-clamp contacts for 4-wire TP FC installation cable AWG22 RJ45 connector (Push Pull device connection) No mechanical data #### RJ45 connector (Push Pull device connection) No mechanical feature integrated cut-and-clamp contacts for 4-wire TP FC installation cable AWG22 #### RJ45 connector (Push Pull device connection) No mechanical data #### RJ45 connector (Push Pull device connection) No mechanical data #### RJ45 connector (Push Pull device connection) No mechanical data #### RJ45 connector (Push Pull device connection) No mechanical data #### RJ45 connector (Push Pull device connection) #### RJ45 connector (Push Pull device connection) No mechanical data #### RJ45 connector (Push Pull device connection) #### RJ45 connector (Push Pull device connection) #### RJ45 connector (Push Pull device connection) #### RJ45 connector (Push Pull	 for Industrial Ethernet FC TP cables 	4
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type of electrical connection / FastConnect material / of the enclosure locking mechanism design design, dimensions and weights type of cable outlet width 22 mm height 30 mm depth net weight 68.8 g connectable cable cross-section connectable conductor cross-section 0.33 mm² ambient conditions ambient temperature during operation during storage during transport et water e to water protection class IP product feature POE capability PSE PoE+capability PSE PoE+capability PSE PoGE+capability PSE Poge Product component	 for Industrial Ethernet FC TP cables 	integrated cut-and-clamp contacts for 4-wire TP FC installation cable AWG22
mechanical data material / of the enclosure locking mechanism design design, dimensions and weights type of cable outlet width 22 mm height 30 mm depth 67.7 mm net weight connectable cross-section 656.5 mm connectable conductor cross-section 0.33 mm² ambient conditions ambient temperature during operation during storage during transport -40 +70 °C -40 .	 for network components or terminal equipment 	RJ45 connector (Push Pull device connection)
material / of the enclosure locking mechanism design design, dimensions and weights type of cable outlet width leight locking mechanism design 180° cable outlet width 22 mm height locking mechanism design 67.7 mm net weight locking mechanism design locking mechanism design locking mechanism design locking mechanism design locking design d	type of electrical connection / FastConnect	No
locking mechanism design design, dimensions and weights type of cable outlet width 22 mm height 30 mm depth net weight connectable cable cross-section connectable conductor cross-section ambient conditions ambient temperature during operation during storage during transport during transport to water protection class IP product features, product functions, product components / general product feature Push-pull 180° cable outlet 180° cable outlet 30 mm 67.7 mm 68.8 g 65 6.5 mm connectable conductor cross-section 0.33 mm² ambient temperature 40 +70 °C 40 +70 °C chemical resistance to water resistant protection class IP product features, product functions, product components / general product feature PoE capability Yes silicon-free Yes product component	mechanical data	
type of cable outlet width 22 mm height 30 mm depth 67.7 mm net weight 68.8 g connectable cable cross-section 6.5 6.5 mm connectable conductor cross-section 0.33 mm² ambient temperature • during operation • during storage • during transport chemical resistance • to water product features, product functions, product components / general product feature • PoE-capability • PoE-capability • silicon-free product component	material / of the enclosure	plastic
type of cable outlet width 22 mm height 30 mm depth 67.7 mm net weight 68.8 g connectable cable cross-section 6.5 6.5 mm connectable conductor cross-section ambient conditions ambient temperature • during operation • during storage • during storage • during transport chemical resistance • to water protection class IP product features, product functions, product components / general product feature • PoE capability • PoE capability • silicon-free product component	locking mechanism design	Push-pull
width 22 mm height 30 mm depth 67.7 mm net weight 68.8 g connectable cable cross-section 6.5 6.5 mm connectable conductor cross-section 0.33 mm² 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 features, product functions, product components / general product feature • PoE capability Yes • PoE+capability Yes • silicon-free product component	design, dimensions and weights	
height 30 mm depth 67.7 mm net weight 68.8 g connectable cable cross-section 6.5 6.5 mm connectable conductor cross-section 0.33 mm² 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 features, product functions, product components / general product feature • PoE capability Yes • PoE+capability Yes product component	type of cable outlet	180° cable outlet
depth 67.7 mm net weight 68.8 g connectable cable cross-section 6.5 6.5 mm connectable conductor cross-section 0.33 mm² 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 features, product functions, product components / general product feature • PoE capability Yes • Silicon-free Yes	width	22 mm
net weight connectable cable cross-section connectable conductor cross-section ambient conditions ambient temperature • during operation • during storage • during transport -40 +70 °C • during transport -40 +70 °C chemical resistance • to water protection class IP product features, product functions, product components / general product feature • PoE capability • PoE+capability • Yes • silicon-free product component	height	30 mm
connectable cable cross-section connectable conductor cross-section ambient conditions ambient temperature • during operation • during storage • during transport -40 +70 °C • during transport chemical resistance • to water protection class IP product features, product functions, product components / general product feature • PoE capability • PoE+capability • PoE+capability • Silicon-free product component	depth	67.7 mm
connectable conductor cross-section ambient conditions ambient temperature • during operation • during storage • during transport • procuct resistance • to water • to water • to water • resistant • product features, product functions, product components / general product feature • PoE capability • PoE capability • PoE+capability • Yes • silicon-free • Yes product component	net weight	68.8 g
ambient conditions ambient temperature • during operation • during storage • during transport • during transport • during resistance • to water protection class IP product features, product functions, product components / general product feature • PoE capability • PoE+capability • PoE+capability • silicon-free product component	connectable cable cross-section	6.5 6.5 mm
ambient temperature • during operation • during storage • during transport • during transport • during transport • during resistance • to water protection class IP product features, product functions, product components / general product feature • PoE capability • PoE+capability • silicon-free product component	connectable conductor cross-section	0.33 mm²
 during operation during storage during transport focusion free product feature PoE capability PoE+capability PoE+capability Silicon-free product component 	ambient conditions	
 during storage during transport 40 +70 °C themical resistance to water protection class IP IP65/67 product features, product functions, product components / general product feature PoE capability PoE+capability Yes silicon-free product component 	ambient temperature	
• during transport chemical resistance • to water protection class IP IP65/67 product features, product functions, product components / general product feature • PoE capability Yes • silicon-free product component Product component Product component	during operation	-40 +70 °C
chemical resistance • to water resistant protection class IP IP65/67 product features, product functions, product components / general product feature • PoE capability Yes • PoE+capability Yes • silicon-free Yes product component	during storage	-40 +70 °C
• to water protection class IP IP65/67 product features, product functions, product components / general product feature • PoE capability • PoE+capability • silicon-free product component Yes product component	during transport	-40 +70 °C
protection class IP product features, product functions, product components / general product feature • PoE capability • PoE+capability • silicon-free product component	chemical resistance	
product features, product functions, product components / general product feature • PoE capability • PoE+capability • silicon-free product component • Yes • silicon-free • Yes	• to water	resistant
product feature • PoE capability • PoE+capability • Silicon-free product component Yes Yes Yes	protection class IP	IP65/67
PoE capability PoE+capability Silicon-free Yes product component Yes Yes Yes	product features, product functions, product components / gene	eral
PoE+capability silicon-free Yes product component Yes Yes	product feature	
• silicon-free Yes product component	 PoE capability 	Yes
product component	PoE+capability	Yes
	• silicon-free	Yes
• strain relief Yes	product component	
	strain relief	Yes

standards, specification	s, approvals					
certificate of suitability						
 RoHS conformity 	RoHS conformity		Yes			
 UL approval 			Yes			
 railway applicatio 	n in accordance with EN	50155	No			
standard for structured of	cabling		Cat5			
further information / inte	ernet links					
internet link						
• to website: Image	database		https://www.automation.siemens.com/bilddb			
• to website: Indust	ry Online Support		https:	://support.industry.siemer	is.com	
security information						
Approvals / Certificates			that s In orc threa state- soluti for pr netwo to an neces netwo cyber www. under recor and ti no loo custo subso	support the secure operation to protect plants, systems, it is necessary to imple of-the-art industrial cyber ons constitute one eleme eventing unauthorized acorks. Such systems, macle enterprise network or the sary and only when apprork segmentation) are in precurity measures that make in the security measures that make in the security measures that make in the security measures that make in the latest product updathat the latest product versinger supported, and failur mer's exposure to cyber	d solutions with industrial on of plants, systems, ma ems, machines and netwo ement – and continuously security concept. Siemen: nt of such a concept. Cusicess to their plants, systemines and components should be security measures of the security	achines and networks. rks against cyber maintain – a holistic, s' products and tomers are responsible ms, machines and ould only be connected and solution is s (e.g. firewalls and/or mation on industrial se visit ducts and solutions ecure. Siemens strongly as they are available aduct versions that are tes may increase about product updates,
General Product Appr	oval			Test Certificates	Marine / Shipping	
Manufacturer Declara- tion	Declaration of Conformity	Miscellaneous		Special Test Certificate	LA DNV	Lloyd's Register us
Marine / Shipping	Environment	Industrial Communication				
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