SIEMENS

Data sheet

6GK1900-1LB00-0AC0

product type designation product description

ignation

IE SC RJ PCF Plug PRO (Push Pull)

SC connector for FastConnect mounting

FC FO SC plug for on-site assembly to FC FOC cables (62.5/200/230) Pack: 20 units SC connector +10 units Duplex clip + cleaning cloths.



| transfer rate 10 Mbit/s, 100 Mbit/s, 1000 Mbit/s transfer rate/ for Industrial Ethemet 10 Mbit/s, 100 Mbit/s, 1000 Mbit/s transfer rate/ vith PROFIBUS 9.8 kbit/s 12 Mbit/s interfaces 1 number of optical interfaces / for fiber optic cable 1 design of the optical interfaces / for network components or terminal equipment SC connector type of electrical connection / FastConnect Yes mechanical data material / of the enclosure Metal and plastic locking mechanism design Push-puil design, dimensions and weights type of cable outlet 180° cable outlet 8 mm width 8 mm 8 mm height 9 mm 11 g ambient conditions amm 40 +85 °C • during operation -40 +85 °C -40 +85 °C • during transport -40 +85 °C -40 +85 °C • during transport -40 +85 °C -40 +85 °C • during transport -40 +85 °C -40 +85 °C • during transport -40 +85 °C -40 +85 °C • during transport -40 +85 °C -40 +85 °C | suitability for use | For connecting glass fiber-optic cables, suitable for fast assembly with the FastConnect FO system |
|--|---|--|
| transfer rate / with PROFIBUS 9.6 kbit/s 12 Mbit/s interfaces Interfaces number of optical interfaces / for fiber optic cable 1 design of the optical interface / for network components or terminal equipment SC connector type of electrical connection / FastConnect Yes mechanical data material / of the enclosure Metal and plastic locking mechanism design Push-pull design dimensions and weights 80° cable outlet type of cable outlet 8 mm height 8 mm depth 49 mm nett weight 11 g ambient conditions -40 +85 °C e during operation -40 +85 °C e during transport -40 +85 °C relative humidity 95 % maximum product feature e silicon-free Yes product feature Yes silicon-free Yes product features, specifications, approvals Yes standards, specifications, approvals Yes | transfer rate | |
| Interfaces 1 number of optical interfaces / for fiber optic cable 1 design of the optical interface / for network components or terminal equipment SC connector type of electrical connection / FastConnect Yes material / of the enclosure locking mechanism design Metal and plastic Push-pull design, dimensions and weights 180° cable outlet type of cable outlet width 8 mm height 9 mm net weight 11 g ambient conditions -40 +85 °C e during operation -40 +85 °C • during storage -10 +85 °C • elduring storage -10 +85 °C • elduring transport -40 +85 °C • during transport -40 +85 °C • eldures, product founct condensation / during operation / maximum 95 % product features Yes product features, product functions, product components / general product component Yes | transfer rate / for Industrial Ethernet | 10 Mbit/s, 100 Mbit/s, 1000 Mbit/s |
| number of optical interface / for network components or terminal equipment 1 bype of electrical connection / FastConnect Yes mechanical data | transfer rate / with PROFIBUS | 9.6 kbit/s 12 Mbit/s |
| design of the optical interface / for network components or terminal equipment SC connector ype of electrical connection / FastConnect Yes material / of the enclosure Metal and plastic locking mechanism design Push-pull design, dimensions and weights Yus type of cable outlet 180° cable outlet width 8 mm height 9 mm net weight 11 g ambient conditions -40 +85 °C • during storage -40 +85 °C • during storage -40 +85 °C • during transport -40 +85 °C • during transport -40 +85 °C • during transport 1920 product feature Yes • at 25 °C / without condensation / during operation / general 95 % product feature Yes silicon-free Yes product features Yes • strain relief Yes strain relief Yes product feature Yes • strain relief Yes strain relief Yes strain relief | interfaces | |
| type of electrical connection / FastConnect Yes mechanical data material / of the enclosure Metal and plastic locking mechanism design Push-pull design, dimensions and weights 180° cable outlet type of cable outlet 8 mm height 8 mm height 9 mm net weight 11 g amblent conditions | number of optical interfaces / for fiber optic cable | 1 |
| mechanical data material / of the enclosure locking mechanism design Metal and plastic loking mechanism design Push-pull design, dimensions and weights 180° cable outlet type of cable outlet 8 mm width 8 mm height 9 mm depth 49 mm net weight 11 g ambient conditions -40 +85 °C eduring operation -40 +85 °C eduring tarsport -40 +85 °C relative humidity 95 % • at 25 °C / without condensation / during operation / maximum 95 % product feature yes • silicon-free Yes sproduct component yes • strain relief Yes standards, specifications, approvals Yes certificate of suitability Yes vector of suitability Yes | | SC connector |
| material / of the enclosure locking mechanism design Metal and plastic Push-pull design, dimensions and weights Yupe of cable outlet width type of cable outlet width 180° cable outlet width height 8 mm depth et weight ambient conditions ambient temperature • during operation • during transport relative humidity • at 25 °C / without condensation / during operation / maximum protection class IP product features • siticon-free • strain relief strain relief ves strain relief ves | type of electrical connection / FastConnect | Yes |
| locking mechanism designPush-pulldesign, dimensions and weightstype of cable outlet180° cable outletwidth8 mmheight8 mmdepth9 mmnet weight11 gambient conditionsambient temperature-40 +85 °C• during operation-40 +85 °C• during transport-40 +85 °C• during transport-40 +85 °C• during transport-40 +85 °C• during transport95 %• at 25 °C / without condensation / during operation / maximumproduct features, product functions, product components / generalproduct featureyes• silicon-freeYesstandards, specifications, approvalscertificate of suitability • RoHS conformityYesvessuitability Yes• UL approvalNo | mechanical data | |
| design, dimensions and weights type of cable outlet width 8 mm height 8 mm depth 49 mm net weight 11 g ambient conditions ambient temperature • during operation -40 +85 °C • during storage -40 +85 °C • during transport -40 +85 °C • during transport -40 +85 °C • during transport 95 % maximum protection class IP product features, product functions, product components / general product feature Yes silicon-free Yes standards, specifications, approvals Yes certificate of suitability Yes • RoHS conformity Yes | material / of the enclosure | Metal and plastic |
| type of cable outlet 180° cable outlet width 8 mm height 8 mm depth 49 mm net weight 11 g ambient conditions ambient conditions ambient stemperature • during operation • during storage • during transport • during transport • at 25 °C / without condensation / during operation / maximum product features, product functions, product components / general product feature • silicon-free yes strain relief Yes strain relief Yes strain relief Yes vertificate of suitability • RoHS conformity • RoHS conformity Ves | locking mechanism design | Push-pull |
| width8 mmheight8 mmdepth49 mmnet weight11 gambient conditionsambient temperature• during operation-40 +85 °C• during storage-40 +85 °C• during transport-40 +85 °C• at 25 °C / without condensation / during operation /-95 %• product feature | design, dimensions and weights | |
| height 8 mm depth 49 mm net weight 11 g ambient conditions ambient temperature • during operation -40 +85 °C • during storage -40 +85 °C • during transport -40 +85 °C • during transport -40 +85 °C relative humidity | type of cable outlet | 180° cable outlet |
| depth49 mmnet weight11 gambient conditionsambient temperature• during operation-40 +85 °C• during storage-40 +85 °C• during transport-40 +85 °C• statin reliefIP20product feature | width | 8 mm |
| net weight 11 g ambient conditions ambient temperature • during operation -40 +85 °C • during storage -40 +85 °C • during transport -40 +85 °C relative humidity 95 % • at 25 °C / without condensation / during operation / maximum 95 % product features, product functions, product components / general product feature | height | 8 mm |
| ambient conditions ambient temperature • during operation -40 +85 °C • during storage -40 +85 °C • during transport -40 +85 °C relative humidity -40 +85 °C • at 25 °C / without condensation / during operation / maximum 95 % protection class IP IP20 product features, product functions, product components / general | depth | 49 mm |
| ambient temperature -40 +85 °C • during operation -40 +85 °C • during storage -40 +85 °C • during transport -40 +85 °C • during transport -40 +85 °C relative humidity -40 +85 °C • at 25 °C / without condensation / during operation / maximum 95 % protection class IP IP20 product features, product functions, product components / general product feature | net weight | 11 g |
| • during operation-40 +85 °C• during storage-40 +85 °C• during transport-40 +85 °C• relative humidity-40 +85 °C• at 25 °C / without condensation / during operation / maximum95 %protection class IPIP20product features, product functions, product components / generalproduct featureYes• silicon-freeYesproduct componentYes• strain reliefYesstain reliefYescertificate of suitabilityYes• RoHS conformityYes• UL approvalNo | ambient conditions | |
| during storage during storage during transport < | ambient temperature | |
| • during transport-40 +85 °Crelative humidity95 %• at 25 °C / without condensation / during operation / maximum95 %protection class IPIP20product features, product functions, product components / generalproduct featureYes• silicon-freeYesproduct componentYesstrain reliefYesstrain reliefYescertificate of suitabilityYes• RoHS conformityYes• UL approvalNo | during operation | -40 +85 °C |
| relative humidity • at 25 °C / without condensation / during operation / maximum protection class IP IP20 product features, product functions, product components / general product feature • silicon-free Yes product component • strain relief Yes standards, specifications, approvals certificate of suitability • RoHS conformity Yes • UL approval No | during storage | -40 +85 °C |
| • at 25 °C / without condensation / during operation / maximum95 %protection class IPIP20product features, product functions, product components / generalproduct feature • silicon-freeYesproduct component • strain reliefYesstandards, specifications, approvalsYescertificate of suitability • RoHS conformity • UL approvalYesNoNo | during transport | -40 +85 °C |
| maximum IP20 product features, product functions, product components / general product feature • silicon-free Yes product component • strain relief Yes standards, specifications, approvals certificate of suitability • RoHS conformity Yes No | relative humidity | |
| product features, product functions, product components / general product feature • silicon-free product component • strain relief Yes standards, specifications, approvals certificate of suitability • RoHS conformity • UL approval | S 1 | 95 % |
| product feature • silicon-free Yes product component • strain relief Yes standards, specifications, approvals certificate of suitability Yes • RoHS conformity Yes • UL approval No | protection class IP | IP20 |
| • silicon-free Yes product component Yes • strain relief Yes standards, specifications, approvals | product features, product functions, product components | / general |
| product component Yes • strain relief Yes standards, specifications, approvals | product feature | |
| • strain relief Yes standards, specifications, approvals certificate of suitability • RoHS conformity Yes • UL approval No | • silicon-free | Yes |
| standards, specifications, approvals certificate of suitability RoHS conformity <lu> Yes UL approval <lu>No </lu></lu> | product component | |
| certificate of suitability • RoHS conformity • UL approval No | strain relief | Yes |
| RoHS conformity Yes UL approval No | standards, specifications, approvals | |
| RoHS conformity Yes UL approval No | certificate of suitability | |
| • UL approval No | • | Yes |
| | - | No |
| | railway application in accordance with EN 50155 | No |

further information / internet-Links

Internet-Link

- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to website: Industry Mall

to website: Information and Download Center
to website: Selection guide for cables and connectors

- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

last modified:

http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter https://sie.ag/2QdlxcP

http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com

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