

product type designation



OLM/P12 V4.1

SIPLUS NET OLM/P12 V4.1 based on 6GK1503-3CA01 with conformal coating, - 25...+60 °C, PROFIBUS OLM/P12 V4.1 optical link module with 1 RS-485 and 2 plastic FOC interfaces (4 BFOC sockets), with signaling contact and test port

product brand name

SIPLUS

Technical Product Detail Page

<https://www.modulplc.com/?s=6AG1503-3CA01-2AA0>

ambient conditions

ambient temperature

- in horizontal mounting position / during operation
- during storage and transport

60 ... -25 °C
70 ... -40 °C

installation altitude / at height above sea level / maximum

5000 m

ambient condition / relating to ambient temperature - air pressure - installation altitude

Tmin ... Tmax at 1 140 hPa ... 795 hPa (-1 000 m ... +2 000 m) // Tmin ... (Tmax - 10 K) at 795 hPa ... 658 hPa (+2 000 m ... +3 500 m) // Tmin ... (Tmax - 20 K) at 658 hPa ... 540 hPa (+3 500 m ... +5 000 m)

relative humidity

- with condensation / according to IEC 60068-2-38 / maximum

100 %; RH including condensation/frost (no commissioning when condensation is present), horizontal installation

chemical resistance / to commercially available cooling lubricants

Yes; incl. airborne diesel and oil droplets

resistance to biologically active substances

- conformity according to EN 60721-3-3
- conformity according to EN 60721-3-6

Yes; Class 3B2 mold and fungal spores (excluding fauna); class 3B3 on request
Yes; Class 6B2 mold, fungal and dry rot spores (excluding fauna)

resistance to chemically active substances

- conformity according to EN 60721-3-3
- conformity according to EN 60721-3-6

Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *
Yes; Class 6C3 (RH < 75%) incl. salt spray acc. to EN 60068-2-52 (Severity degree 3); *

resistance to mechanically active substances

- conformity according to EN 60721-3-3
- conformity according to EN 60721-3-6

Yes; Class 3S4 incl. sand, dust; *
Yes; Class 6S3 incl. sand, dust; *

environmental category / according to IEC 60721 / note

* The supplied plug covers must remain in place on the unused interfaces during operation!

coating / for equipped printed circuit board / according to EN 61086

Yes; Class 2 for high availability

type of coating

- protection against pollution according to EN 60664-3

Yes; protection of the type 1

type of test / of the coating / according to MIL-I-46058C

Yes; coating discoloration during service life possible

product conformity / of the coating / Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A

Yes; conformal coating, class A

standards, specifications, approvals

certificate of suitability

- CE marking

Yes

further information / internet links

<p>internet link</p> <ul style="list-style-type: none"> • to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to web page: SiePortal • to website: Image database • to website: CAX-Download-Manager • to website: Industry Online Support 	<div> https://www.modulplc.com/?s=6AG1503-3CA01-2AA0 </div> <div> https://www.modulplc.com/?s=6AG1503-3CA01-2AA0 </div> <div> https://www.modulplc.com/?s=6AG1503-3CA01-2AA0 </div> <div> https://www.modulplc.com/?s=6AG1503-3CA01-2AA0 </div> <div> https://www.modulplc.com/?s=6AG1503-3CA01-2AA0 </div> <div> https://www.modulplc.com/?s=6AG1503-3CA01-2AA0 </div> <div> https://www.modulplc.com/?s=6AG1503-3CA01-2AA0 </div>
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<p>Approvals / Certificates</p>	
<p>General Product Approval</p>	
<div> <div> Manufacturer Declaration </div> <div>  EG-Konf. </div> <div>  </div> <div> China RoHS </div> <div>  </div> <div> China RoHS </div> </div>	
<div> <div> <p>General Product Approval</p> <div>  EG-Konf. </div> <div>  </div> <div>  RCM </div> </div> <div> <p>EMV</p> </div> </div>	

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