MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6GK1100-2AB00

OPTICAL ETHERNET MEDIA CONVERTER

Used with the applicable SIMATIC NET OMC TP11 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens 6GK1100-2AB00 official product data sheet

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Data sheet 6GK1100-2AB00

Product type designation	**OMC TP11** SIMATIC NET, IE OMC TP11 OPTICAL MEDIA CONVERTER RJ45 ON MULTIMODE FOC (BFOC) WITH 100MBIT UP TO 3 KM, REDUNDANT 24V DC SUPPLY, SIGNAL CONTACT
Transmission rate	
Transfer rate	100 Mbit/s
Interfaces	
Number of electrical/optical connections / for network components or terminal equipment / maximum	2
Number of electrical connections	
• for network components or terminal equipment	1
Type of electrical connection	
• for network components or terminal equipment	RJ45 socket (100 Mbit/s, 100BaseTX) for connection of TP cord or TP XP cord up to 6 m cable length
• for power supply and signaling contact	1 x 6-pole plug-in terminal block, screw-contacts
Design of the optical interface	
• for OMC and OSM TP	2 BFOC-Socket (100 Mbit/s, 100BaseFX) for Multimode (OMC TP11)
Supply voltage, current consumption, power loss	
Supply voltage	
• external	24 V
• external	18 ... 32 V
Type of voltage / of the supply voltage	DC
Consumed current	
• rated value	0.25 A
Power loss [W]	
• at DC / at 24 V	5 W
Permitted ambient conditions	
Ambient temperature	
• during operation	60 °C
• during storage	-20 ... +80 °C
• during transport	-20 ... +80 °C
Relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP20
Design, dimensions and weight	
Width	54 mm

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Height	136.5 mm
Depth	69 mm
Net weight	0.35 kg
Mounting type	
• 35 mm DIN rail mounting	Yes
• screw connection	Yes

Standards, specifications, approvals

Certificate of suitability	
• CE marking	Yes
• C-Tick	Yes

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: Industry Online Support	https://support.industry.siemens.com

Security information

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