

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 <ul style="list-style-type: none"> for network components or terminal equipment 	1
Type of electrical connection <ul style="list-style-type: none"> for network components or terminal equipment for power supply and signaling contact 	RJ45 socket (100 Mbit/s, 100BaseTX) for connection of TP cord or TP XP cord up to 6 m cable length 1 x 6-pole plug-in terminal block, screw-contacts
Design of the optical interface <ul style="list-style-type: none"> for OMC and OSM TP 	2 BFOC-Socket (100 Mbit/s, 100BaseFX) for Multimode (OMC TP11)

Supply voltage, current consumption, power loss	
Supply voltage <ul style="list-style-type: none"> external external 	24 V 18 ... 32 V
Type of voltage / of the supply voltage	DC
Consumed current <ul style="list-style-type: none"> rated value 	0.25 A
Power loss [W] <ul style="list-style-type: none"> at DC / at 24 V 	5 W

Permitted ambient conditions	
Ambient temperature <ul style="list-style-type: none"> during operation during storage during transport 	60 °C -20 ... +80 °C -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

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

Security information	<p>Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)</p>
----------------------	---

last modified:

08/31/2019