SIMATIC NET OMC TP11

Product Data Sheet

6GK1100-2AB00

Optical Ethernet media converter

ETHERNET CONVERSION	TRANSFER RATE	COPPER INTERFACE	OPTICAL INTERFACE
100BaseTX to 100BaseFX	**100 Mbit/s**	**One RJ45 socket**	**Multimode fiber with two BFOC sockets**

Siemens 6GK1100-2AB00 is the OMC TP11 optical media converter in the SIMATIC NET range. It converts a 100 Mbit/s RJ45 twisted-pair Ethernet connection to a multimode 100BaseFX fiber link using BFOC connectors, with a documented optical span of up to 3 km.

01 TECHNICAL DATA

Ethernet conversion	100BaseTX to 100BaseFX
Transfer rate	100 Mbit/s
Copper interface	One RJ45 socket
Optical interface	Multimode fiber with two BFOC sockets
Maximum optical link	3 km
Documented TP connection	TP cord or TP XP cord, up to 6 m
Nominal external voltage	24 V DC
Permissible external voltage	18...32 V DC
Power redundancy	Redundant 24 V DC supply
Supply and alarm connector	Six-pole plug-in screw terminal block

02 ADDITIONAL PRODUCT DATA

Rated current consumption	0.25 A
Power loss at 24 V DC	5 W
Protection class	IP20
Maximum operating humidity	95% at 25 degrees C, noncondensing
Storage and transport temperature	-20...+80 degrees C

03 PRODUCT FUNCTION

The converter accepts redundant 24 V DC supplies within an 18...32 V operating range and provides a signaling contact on its six-pole terminal block. The IP20 enclosure supports DIN-rail or screw mounting and has a 54 x 136.5 x 69 mm mechanical envelope.

04 SYSTEM COMPATIBILITY

Provide the permitted 18...32 V DC supply through the six-pole block and connect the signaling contact to the alarm circuit where required. Preserve the redundant-feed arrangement and install the IP20 unit on the documented rail or screw fixing.

05 REFERENCE

Siemens 6GK1100-2AB00 official product data sheet

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