SIEMENS

Data sheet 6AT8000-1EA00-1XA0



SIPLUS CMS-Hardware RPN "IEEE 1394B T002; IEEE 1394B" "Multi-port repeater; 2 opt." "and 1 electr. interface;" UW=24 V DC

General information	
Product type designation	RPN IEEE 1394B T002
Product description	RPN IEEE 1394b T002 is a multiport repeater with two optical ports and one electrical port according to the IEEE 1394b standard.
Installation type/mounting	
Mounting type	standard rail
Required clearance	
● for side-by-side mounting at the front	80 mm
● for side-by-side mounting at the top	25 mm
● for side-by-side mounting at the back	25 mm
Power	
Active power input, max.	2.4 W
Interfaces	
Number of IEEE 1394a interfaces	3
● Transmission rate	400 Mbit/s
● Design of plug-in connection	6-pole socket, standard
Number of IEEE 1394b interface, optical	2
● Transmission rate	400 Mbit/s
● Design of plug-in connection	Duplex SC 62.5 / 125 µm MMF, 850 nm
● Wavelength	850 nm
Protocols	
IEEE 1394a	Yes
IEEE 1394b optical	Yes
Degree and class of protection	
IP degree of protection	IP20
Standards, approvals, certificates	
Certificate of suitability	CE
CE mark	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes
China RoHS compliance	Yes
Ambient conditions	
Ambient temperature during operation	
● min.	0 °C
● max.	55 °C
Ambient temperature during storage/transportation	
● Storage, min.	-25 °C
● Storage, max.	85 °C

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● Transportation, min.	-25 °C
● Transportation, max.	85 °C
Cables	
Design of the data cable	In accordance with IEEE 1394a/b, standard
Design of FOC fiber	50 / 125 µm MMF up to 500 m length, 62.5 / 125 µm MMF up to 220 m length
Connection method	
Design of electrical connection for the PE conductor	M4 screw on the front panel: SHIELD
Mechanics/material	
Material of housing	Stainless steel
Dimensions	
Width	50 mm
Height	105 mm
Depth	94 mm
Depth when mounted on DIN rail	94 mm
Weights	
Weight (without packaging)	0.46 kg

Classifications

	Version	Classification
eClass	16	27-20-14-13
eClass	14	27-20-14-13
eClass	12	27-20-14-13
eClass	9.1	27-20-14-13
eClass	9	27-20-14-13
eClass	8	27-20-14-04
eClass	7.1	27-20-14-04
eClass	6	27-20-14-04
ETIM	10	EC002960
ETIM	9	EC002960
ETIM	8	EC002960
ETIM	7	EC002960
IDEA	4	6306
UNSPSC	15	41-11-36-39

Approvals / Certificates

General Product Approval	EMV

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