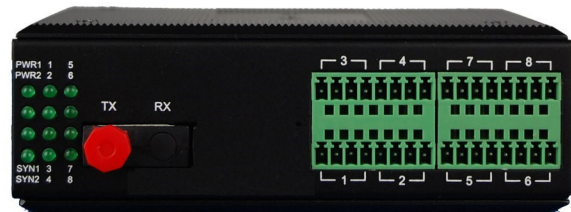




SEPITAM

ONE STEP SMARTER

www.sepitam.com



TYPE:

Sepitam-8bK-T/R

In addition, Sepitam's fiber optic and Ethernet converters are engineered to support the seamless transmission of various services, including FXO/FXS, E1, audio, analog video, HDMI, USB, and serial data. Whether deployed over fiber optic or Ethernet networks, our solutions ensure reliable, high-quality communication for a wide range of applications.



- ▶ 16 channel Unidirectional / 8 channel bidirectional
- ▶ Dry contact Optical multiplexer

▶ Description:

The mini type 1-16*Dry contact output optical pure dry contact (alarm) optical transceiver.

1-16 provides a 16*dry contact or 8*Bidirectional dry contact in optical fiber transmission, which solves the problem of electromagnetic interference, the interference and the lightning damage, improve the reliability of communication, data security and confidentiality, and can be widely used in various industrial control, process control and traffic control and other occasions, especially for banks electrical and electromagnetic interference to the environment, the special requirements of the Department and the system.

▶ Properties:

- Based on proprietary integrated circuit;
- can be configured as an 16 inputs / 16 outputs / 8 input + output / 8 inputs + 8 output mode
- Enter the normally open normally closed dry contact automatically detects when the input what state switch output that is why the state, to facilitate the project opened
- dry contact turned on when not connected to other dry contact or fiber state is stable, does not appear chaotic action status
- can support unidirectional dry contact or bidirectional dry contact.
- Each has a dry contact on and off the lights
- dry contact interface Lightning reach IEC61000-4-5 (8/20 μ S) differential mode: 6KV, impedance (2 Ω); Common mode: 6KV, impedance (2 Ω) standard
- optional AC 220V, DC -48V, DC + 24V, DC power no positive and negative points;



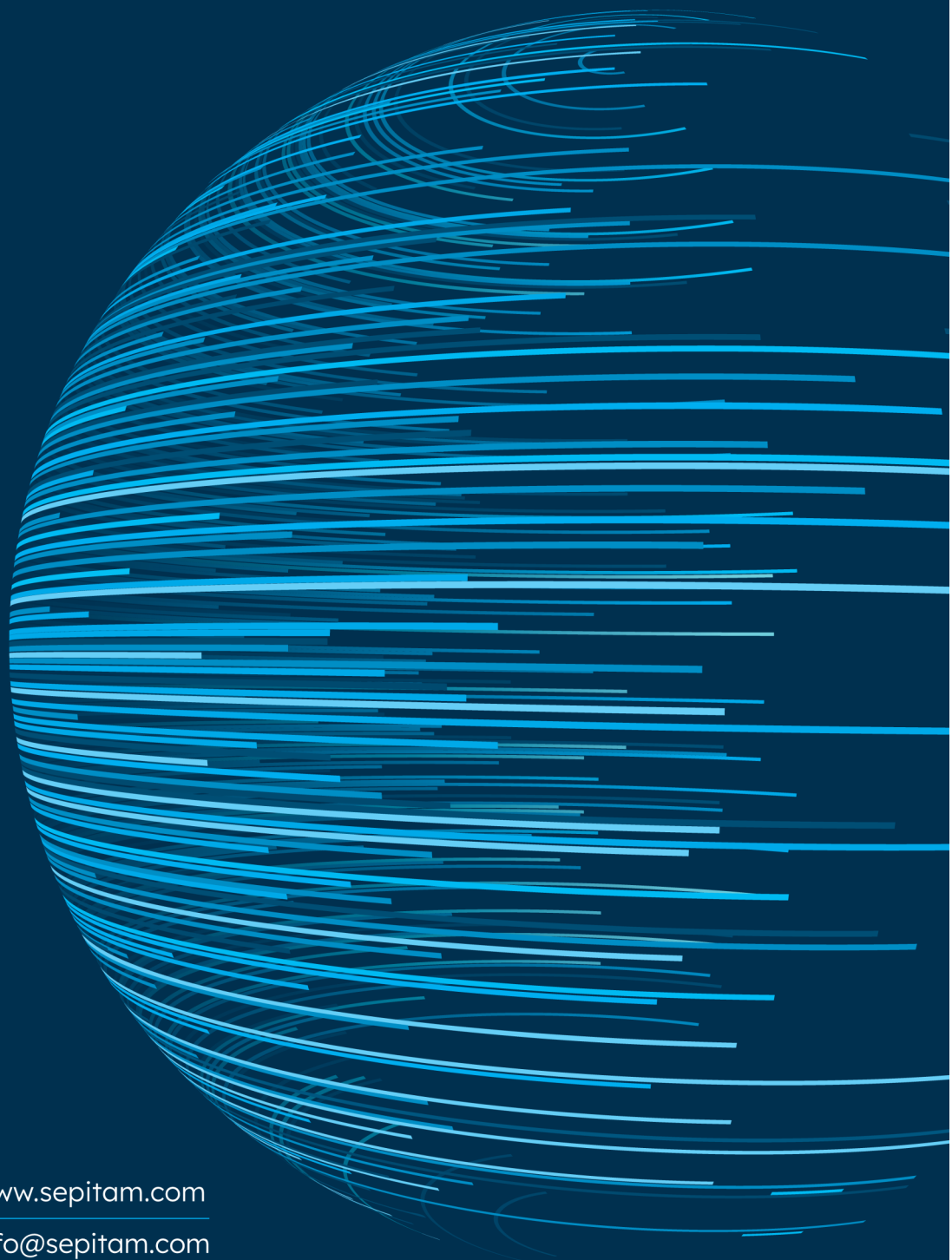
Specifications:

Model	Sepitam-8bK-T/R
Fiber	
Multi-mode Fiber	
50/125um, 62.5/125um	
Maximum transmission distance	5Km @ 62.5 / 125um single mode fiber,attenuation (3dbm/km)
Wave Length	820nm
Transmitting power	-12dBm (Min) ~-9dBm (Max)
Receiver sensitivity	-28dBm (Min)
Link budget	16dBm
Single-mode Fiber	
8/125um, 9/125um	
Maximum transmission distance:	40Km
Transmission distance:	40Km @ 9 / 125um single mode fiber, attenuation (0.35dbm/km)
Wave Length:	1310nm
Transmitting power:	-9dBm (Min) ~-8dBm (Max)
Receiver sensitivity:	-27dBm (Min)
Link budget	18dBm



Model	Sepitam-8bK-T/R
Dry contact Interface	
Respond Time:	<0.5ms
Switch Signal	30VDC/0.5A
The maximum switching frequency	50HZ
Physical interface	Phoenix terminal
Working environment	
Working temperature	-10°C ~ 50°C
Working Humidity	5%-95 % (no condensation)
Storage temperature	-40°C ~ 80°C
Storage Humidity	5%-95 % (no condensation)
General	
Functional Description	16* Dry contact to Fiber Mux
Power	Power supply: AC180V ~ 260V; DC -48V; DC +24V Power consumption: ≤10W
Dimension	Product Size: 186X38X30mm (WXDXH)
Weight	1.35KG

Technical Specification of Sepitam-8bK-T/R



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