Datasheet Kyland Opal 5TX 5-Port Unmanaged Switch

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Opal 5 unmanaged 5-port switch is specially designed for automation control applications. It is equipped with five 10/100 Base-TX RJ-45 ports. Opal 5 supports redundant power inputs, metal housing with IP30 protection class, thus ensuring fast and reliable data transmission in harsh industrial environments.

Technical data:	
Interface	5x Fast Ethernet 10/100 Base-TX, RJ45 port
Parameter	Standard IEEE802.3u
Power requirements	
Power input	12 – 48 V DC / 18 – 30 V AC, redundant
Power terminal	4-pin 5.08 mm-spacing plug-in terminal block
Power consumption	Max. 3,4 W
Overload protection	Support
Reverse protection	Support
Redundancy protection	Support
LED	
an Frontplatte	Power LED: PWR1, PWR2, Interface LED: Link/ACT, Speed (RJ45 port)
Ambient conditions	
Operating temperature	-10 to +60° C
Storage temperature	-40 to +85° C
Relative humidity	5 to 95 % (non-condensing)
Technical features	
Housing	Metal
Cooling	Natural convection, fanless
Protection class	IP30
Dimension / Weight	30 mm x 115 mm x 68 mm (W x H x D) / 0.200 kg
Mounting	DIN-Rail
Approvals	UL508, Klasse I Div 2, ATEX Zone 2, IECEx, CE, FCC
Industrials standards	
EMI	FCC CFR47 Part 15,EN55022/CISPR22,Class A
EMS	IEC61000-4-2(ESD): ±6KV (contact): ±8KV(air) IEC61000-4-3(RS): 10V/m(80MHz ~ 2GHz) IEC61000-4-4(EFT): Power Port: ±2KV, Data Port: ±1kV IEC61000-4-5(Surge): Power Port: ±1kV/DM, ±2kV/CM; Data Port: ±1kV IEC61000-4-6(CS): 10V(150kHZ ~ 80MHz)
Machinery	IEC60068-2-6 (Vibration) IEC60068-2-27 (Shock) IEC60068-2-32 (Free Fall)