



### Kyland Opal 8TX 8-Port Unmanaged Switch

Opal 8 unmanaged 8-port switch is specially designed for automation control applications. It is equipped with eight fast Ethernet 10/100 Base-TX RJ-45 ports. Opal 8 supports redundant power inputs, metal housing with IP30 protection class, thus ensuring fast and reliable data transmission in harsh industrial environments.

Technical data:	
Interface	8x Fast Ethernet 10/100 Base-TX, RJ45 port
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	Full load 2.64 W, standby 1.7 W
Overload protection	Support
Reverse protection	Support
Redundancy protection	Support
LED	
on front panel	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	46 mm x 115 mm x 68 mm (W x H x D) / 0.250 kg
Mounting	DIN-Rail
Approvals	UL508, Class 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)

All specifications subject to change without notice or liability to provide changes to prior purchasers. Information and specifications published here are current as of the date of publication of this document. We reserve the right to change or modify specifications without prior notice. [www.satelco.ch](http://www.satelco.ch)\* warranty ex works, normally 24 months, fixed at order. Information is current as of the date of publication. Subject to errors and modifications. / NOTE: Internal connections refer to connections inside the unit, generally unted across a pin-header. External connections refer to those outside the box. Once mounted, only connections described as “front accessible” can be accessed by the customer.