

## KYLAND Industrial Ethernet Switches

### OPAL Series Unmanaged Industrial Ethernet Switches



- 5, 8 & 16 Port RJ45 fast Ethernet switches
- Unmanaged (plug & play)
- AC/DC Voltages 18-30VAC/12-48VDC
- Dual/redundant power inputs
- -10°C to +60°C Operating temperature
- Rugged Aluminium IP30 DIN rail mount housing
- Dual LED power supply indication
- Full LED Link/ACT indication
- Selectable storm protection via DIP switch
- 5 Year warranty
- cULus, ATEX (EX), UKCA & CE Approved

Part Number	Description
OPAL5-E-5T-LV-LV	5 Port RJ45 Unmanaged Industrial Ethernet Switch 18-30VAC/12-48VDC
OPAL8-E-8T-LV-LV	8 Port RJ45 Unmanaged Industrial Ethernet Switch 18-30VAC/12-48VDC
OPAL20-E-16T-LV-LV	16 Port RJ45 Unmanaged Industrial Ethernet Switch 18-30VAC/12-48VDC



OPAL5-E-5T-LV-LV



OPAL8-E-8T-LV-LV



OPAL20-E-16T-LV-LV

	OPAL 5	OPAL 8	OPAL 20
Part Number	OPAL5-E-5T-LV-LV	OPAL8-E-8T-LV-LV	OPAL20-E-16T-LV-LV
Number of RJ45 Ports	5	8	16
Supply Voltage	18-30VAC / 12-48VDC		
Standards	IEEE 802.3i (10Base-T) IEEE 802.3u (100Base-TX & 100Base-FX) IEEE 802.3ab (1000Base-T)(Opal 20)		
MAC Table	2K	2K	8K
Packet Buffer	1Mbit	1Mbit	2Mbit
Packet Forward Rate	0.75Mpps	1.2Mpps	5.7Mpps
Switching Delay	<10uS		
Protection	Overload, Reverse Polarity & Redundancy		
Standards	EMI: FCC CFR47 Part 15, EN55022/CISPR22 Class A EMS: IEC61000-4-2/3/4/5/6 IEC60068-2-6/27/32		
Approvals	UL61010 Class I Div 2, Atex Zone 2, IECEx, CE, FCC		
Dimensions	115 x 30 x 68mm	115 x 46 x 68mm	134 x 79.5 x 106mm



**MJ8 RJ45 Surge Protection**  
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