



Industrial Networking Solutions

Specifications & Approvals



Unmanaged Entry-Level Switches | DIN-Rail/Wall Mount | Aluminum Housing | IP30 Rating

Technology		
Standards		IEEE802.3, 802.3u, 802.3x
Processing Type		Store and Forward
Flow Control		IEEE802.3x flow control, backpressure flow control
Interface		
RJ-45 Ports		10/100BaseT(X) auto negotiation speed, Full/Half-duplex mode, and auto MDI/MDI-X connection
LED Indicators		Power, 10/100M
Power Management		
Input		9~48 VDC, Dual inputs
Consumption	E45UM-8-MT	4.0 Watts Max
	E45PNUM-4	4.0 Watts Max
	E45PNUM-8	6.4 Watts Max
Reverse Polarity Protection		Present
Environmental Limits		
Operating Temperature		-10°C ~ 70°C (14°F ~ 158°F)
Storage Temperature		-40°C ~ 85°C (-40°F ~ 185°F)
Ambient Relative Humidity		5%~95% non-condensing

Regulatory Approvals		
Safety		UL60950-1 2nd Ed. / CSA C22.2 No.60950-1-07 2nd Ed.
FCC(EMI)		FCC 47 CFR Part15, Subpart B, Class A
CE(EMI)	E45UM-8-MT	European Standard EN 55022:2006/ A1:2007 Class A EN 61000-3-2:2006 EN 61000-3-3: 1995/A1:2001/A2 :2005
	E45PNUM-4 E45PNUM-8	European Standard EN 55022:2010
CE(EMS)	E45UM-8-MT	EN 55024:1998/A1:2001/A2:2003 (IEC 61000-4-2:1995/A2:2000) IEC 61000-4-3:2002 IEC 61000-4-4:2004 IEC 61000-4-5:1995/A1:2000 IEC 61000-4-6:1996/A1:2000 IEC 61000-4-8:1993/A1:2000 IEC 61000-4-11:1994/A1:2000
	E45PNUM-4 E45PNUM-8	EN 55024: 2010 IEC 61000-4-2: 2008 IEC 61000-4-3: 2010 IEC 61000-4-4: 2012 IEC 61000-4-5: 2005 IEC 61000-4-6: 2008 IEC 61000-4-8: 2009 IEC 61000-4-11: 2004
Shock		IEC 60068-2-27
Drop		ISTA Test Procedure 2A
Vibration		IEC 60068-2-64
RoHS		Lead(Pb) Free
MTBF	E45UM-8-MT	568862 hrs(25°C) / 64.94 years(25°C)
	E45PNUM-4	EH2304-PR 673300 hrs/ 76.86 years
	E45PNUM-8	EH2308-PR 515600 hrs/ 58.86 years
Warranty		5 years