

SWD 4P-20K - 334503



**Industrial PoE switch, 1 port 1000BASE SC
+ 4 ports 10/100/1000BASE-T 30W IEEE
802.3at, SC fiber port, single mode**

DESCRIPTION

Industrial PoE switch, 1 port 1000BASE SC + 4 ports 10/100/1000BASE-T 30W IEEE 802.3at, SC fiber port, single mode, 1310 nm, 20 km. Power supply not included



KEY STRENGTHS

- 4 10/100/1000Base-TX + 1 1000Base-X
- 10/100/1000Mbps RJ45 Port Supports Full/Half-duplex, Auto-negotiation, Auto MDI/MDIX
- Supports IEEE 802.3at PoE+ (30W per port)
- IEEE 802.3az Energy Efficient Ethernet (EEE)
- Redundant Power Input



Updated on: 21 November 2025

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SPECIFICATIONS

REFERENCE	SWD 4P-20K -
Code	334503
ETHERNET	
Standards:	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX/FX IEEE802.3ab 1000BASE-T IEEE802.3z 1000BASE-X IEEE802.3x Flow Control IEEE 802.3az Energy Efficient Ethernet (EEE) IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet
Forward & Filtering Rate:	14,880pps (10Mbps) 148,800pps (100Mbps) 1,488,000pps (1000Mbps)
Packet Buffer Memory:	1M bits
Processing Type:	Store-and-Forward
Max Packet Length:	9K Bytes
Address Table Size:	2048 MAC Addresses
INTERFACE	
Connector:	4 x RJ45
Optical Port:	1 x 1000Base-FX (SFP, SC, FC, ST Optional)
ENVIRONMENTAL	
Operating Temperature:	-40°C to 80°C (-40°F to 176°F)
Storage Temperature:	-40°C to 85°C (-40°F to 185°F)
Relative Humidity:	5% to 95% non-condensing
MTBF	> 200,000 hrs
ELECTRICAL AND MECHANICAL	
Input Power:	48~57VDC, Redundant Power (6-pin Terminal Block)

Power Consumption:	132W Max. (PoE in use) 5W Max. (PoE not in use)
Standard:	IEEE802.3af/at
PoE	
Port:	RJ45 Port 1 ~ Port 4
Max. Power per Port:	30W Max per port (Alternative B Mode)
PROTECTION	
Power Input Overload:	Automatic Resettable
Reverse Polarity:	Present
LED INDICATORS	
Power:	Power1, Power2 Status
PoE:	Per Port Status
Ethernet (Per Port):	Link/Activity
SFP:	FX1
Dimensions (WxDxH):	150 x 115 x 30 mm
Weight:	0.6Kg
Casing:	Metal Case
Mounting Options:	DIN-Rail / Wall-mount
REGULATORY APPROVALS	
ISO9001	
EN55022:2010+AC: 2011, Class A	
EN 61000-3-2: 2006+A1: 2009+A2: 2009	
EN 61000-3-3: 2013	
EN55024:2010	
IEC 61000-4-2: 2008 (ESD)	
IEC 61000-4-3: 2010 (RS)	
IEC 61000-4-4: 2012 (EFT)	
IEC 61000-4-5: 2014 (Surge)	
IEC 61000-4-6: 2013 (CS)	
IEC 61000-4-8: 2009 (PFMF)	

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