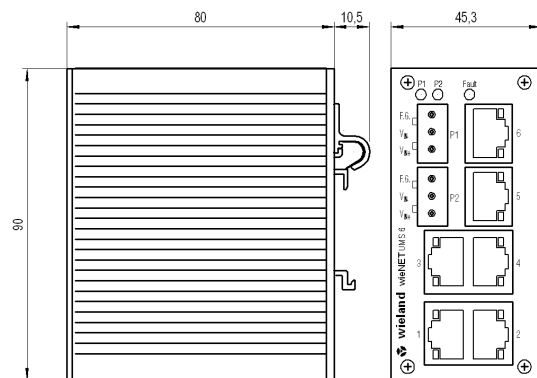



wieNET UMS 6
 Industrial Ethernet Switch
 6-port, unmanaged
 83.040.0000.0

- 6 Port Ethernet Switch
- Auto negotiation
- Auto sensing
- Auto crossing (Auto-MDI(X))
- Redundant power supply possible
- Supply voltage range 9 V . . . 30 V DC



Dimension diagram wieNET UMS 6

Technical Data

wieNET UMS 6	Order No. 83.040.0000.0
Ethernet	
Ethernet ports	6 x 10/100Base-TX
Ethernet transfer rate	10/100 Mbps
Ethernet connectors	6 x RJ45
Auto negotiation	yes
Auto sensing	yes
Auto crossing (Auto-MDI(X))	yes
Communication	Full duplex / half duplex
Ethernet standard	IEEE 802.3 / 802.3u / 802.3x
Ethernet cable length (Twisted Pair)	100 m max.
Switching mode	Store-and-forward switching mode
Topology	Line, star, mesh
Power supply	
Redundant power supply	yes (P1, P2)
Supply voltage	9 . . . 30 V DC
Connectors	2 x 3-pin terminal block
Power consumption	4.5 W max.
Input current (at 24 V DC)	150 mA
Input current max.	300 mA
Ambient conditions	
Operating ambient temperature	0 °C . . . +60 °C
Humidity in operation	5 . . . 95 %RH (non-condensing)
Storage temperature	-20 °C . . . +70 °C
Mounting on	DIN rail 35 mm (EN60715)
Degree of protection	IP40
MTBF (hours)	455,736 h
Dimensions	
W x H x D (see Dimension diagram)	45.3 mm x 90 mm x 80 mm

wieNET UMS 6

Technical Data

wieNET UMS 6		Order No. 83.040.0000.0		
Weight		approx. 260 g		
Housing material		Aluminum		
Shock and Vibration				
Shock		IEC60068-2-27 30g, 11 ms duration, 18 shocks (3 shocks for each axis)		
Vibration		IEC60068-2-64 & ISTA Test Procedure 2A		
Free fall		ISTA Test Procedure 2A		
Connectors cross section				
min.	solid / stranded	0.2 mm ²	(AWG28)	
max.	solid / stranded	1.5 mm ²	(AWG12)	
Strip length		7 mm		
Torque		0.4 Nm max.		
Approvals and Standards				
EMC		Emission: EN55022, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A, ICES-003 Class A, ANSI C63.4 Immunity: EN61000-4-2, EN6000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN6000-4-8, EN61000-4-11		
Safety		cULus (UL 60950-1; CSA C22.2 No. 60950-1)		
Display Elements				
P1, P2	LED, green	Power input indicator		
Fault	LED, green	Power inputs fault (see following table)		
Power feed in		LEDs		
Power 1	Power 2	P1 LED	P2 LED	Fault LED
0	0	off	off	off
0	1	off	green	green
1	0	green	off	green
1	1	green	green	off
RJ45-LED		LED green: off: link broken or no cable plugged blink: data transfer LED yellow: off: 10 M bit rate active on: 100 M bit rate active		
Terminal connections				
1 . . . 6 (Ethernet ports)		6 x Ethernet (RJ45)		
P1, P2 (Redundant power supply)		F.G.	Frame Ground	
		V+	Supply voltage, positive terminal (9 V . . . 30 VDC)	
		V-	Supply voltage, negative terminal (0 V)	