

KSWITCH D3 UF SERIES



Kontron Fast Ethernet KSwitch D3 UF Series

- ▶ Up to 24-port DIN-Rail Industrial Ethernet Switch
- ▶ Fast Ethernet, unmanaged Layer 2, copper & fiber ports
- ▶ Wide range, dual input DC power supply, relay output
- ▶ Cost effective and modular
- ▶ Industrial grade, highly reliable, long-term available

POSSIBILITIES START HERE



KSWITCH D3 UF SWITCH SERIES

The Kontron KSwitch D3 UF series offers cost-effective unmanaged Industrial Ethernet Switches with up to 24 Fast Ethernet ports providing easy to use plug-n-play connectivity. Copper and fiber optics ports are available. The Kontron KSwitch D3 UF series

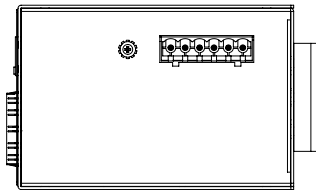
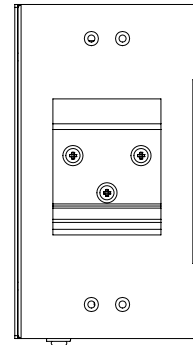
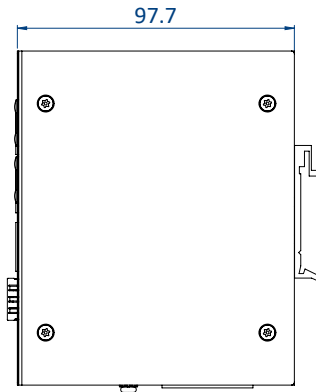
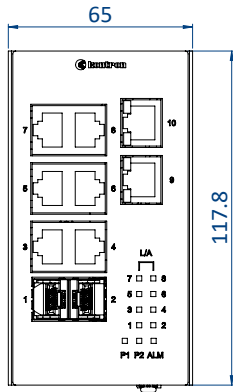
can easily be integrated in factory production lines, embedded into a machine control system or applied for any simple network expansion. It is the perfect solution for general applications and edge-site installation.

► TECHNICAL INFORMATION

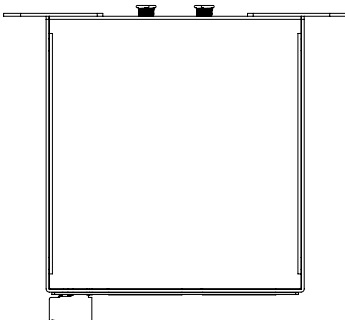
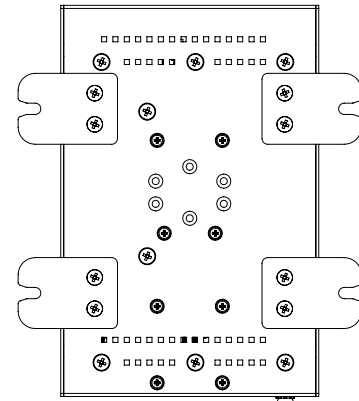
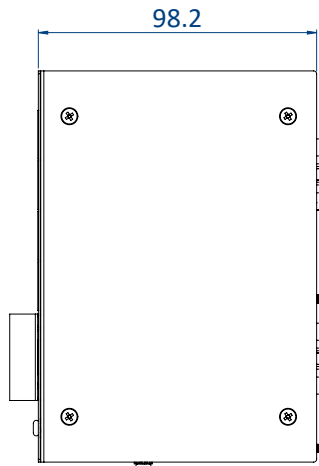
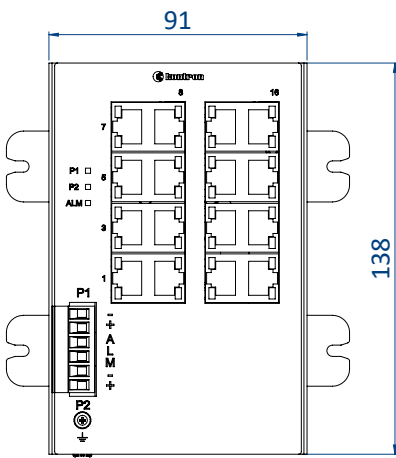
		KSWITCH D3 UF 10-PORT	KSWITCH D3 UF 16-PORT	KSWITCH D3 UF 24-PORT
NETWORK	OPERATING MODE MAC ADDRESSES PACKET BUFFER BACKPLANE / SWITCHING FABRIC	Store and forward, L2 wire-speed/non-blocking switching engine 16K 4 Mbits Up to 4.8 Gbps		
RJ45 COPPER PORTS	SPEED MDI/MDIX AUTO-CROSSOVER AUTO-NEGOTIATION/DUPLEX ETHERNET PORT PROTECTION	Up to 24-ports 10/100 Mbps (RJ45) Support straight or cross wired cables 10/100/1000 Mbps speed auto-negotiation, full and half duplex 1.5 KV V RMS 1 minute (Hipot), 2 KV surge immunity on RJ45 copper ports		
FIBER PORTS	PORT TYPES SUPPORTED FIBER PORT CONNECTOR OPTIMAL FIBER CABLE	Up to 8x 1000 Base SFP slot SFP Typical 50 or 62.5/125 µm for multimode (mm) Typical 8 or 9/125 µm for single mode (sm)		
PROTOCOL & STANDARDS		IEEE 802.3, IEEE 802.3x, flow control, back pressure, TCP/UDP		
POWER	POWER INPUT INPUT VOLTAGE RANGE REVERSE POWER PROTECTION POWER CONSUMPTION	Dual input DC Power supply, terminal block 12-58 V DC yes typ. 15 - 18 W		
INDICATORS	STATUS INDICATION PORT INDICATION RELAY OUTPUT	Power input status Link & speed 1A, 24 V, Normal close		
ENVIRONMENTAL & COMPLIANCE	OPERATING TEMPERATURE STORAGE TEMPERATURE HUMIDITY EMC SAFETY RoHS & WEEE MTBF	-40 °C - 75 °C (cold startup at -40 °C) -40 °C - 85 °C 5 - 95 % (non-condensing) EN 61000-6-3 Class B, EN 61000-6-4, EN 61000-6-2, EN 55035 UL/ IEC/ EN 62368-1 RoHS (Pb free), REACH and WEEE compliant > 200,000 hrs		
MECHANICAL	PROTECTION DIMENSION (HxWxD) WEIGHT INSTALLATION	IP30 117.8x65x97.7 mm 550 g	138x91x 98.2 mm 1.2 kg	138x123.5x97.6 mm 1.5 kg

► MECHANICAL DRAWING

10-port series



16-port series



▶ ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION	100T(X)	100FX
STANDARD CONFIGURATIONS				
KSWITCH D3UF-16F	1067-5245	Industrial 16-port Unmanaged Ethernet Switch, -40 °C to 75 °C of operating temperature. Dual DC power input 12-58 V DC	16	
KSWITCH D3UF 8F-2FS	1067-5246	Industrial 10-port Unmanaged Ethernet Switch, -40 °C to 75 °C of operating temperature. Dual DC power input 12-58 V DC	8	2
ON REQUEST				
KSWITCH D3UF-24F*		Industrial 24-port Unmanaged Ethernet Switch, -40 °C to 75 °C of operating temperature. Dual DC power input 12-58 V DC	24	
KSWITCH D3UF-2F-8FS*		Industrial 10-port Unmanaged Ethernet Switch, -40 °C to 75 °C of operating temperature. Dual DC power input 12-58 V DC	2	8
KSWITCH D3UF 6F-4FS*		Industrial 10-port Unmanaged Ethernet Switch, -40 °C to 75 °C of operating temperature. Dual DC power input	6	4
KSWITCH D3UF 10F*		Industrial 10-port Unmanaged Ethernet Switch, -40 °C to 75 °C of operating temperature. Dual DC power input 12-58 V DC	10	
PACKAGE CONTENTS		KSwitch D3UF Switch, terminal block, DIN-Rail mounting kit, safety instruction sheet		
ACCESSORIES				
RK2U, RK4U		19" Rack Mount Kit 4U or 2U		
230 V AC TO DC POWER ADAPTER				
WK25		Wall Mount Kit		
SFP MODULES				

*) on project request, typically 10 – 12 weeks lead time

▶ GLOBAL HEADQUARTERS

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