

KSWITCH D3 UMP PoE SERIES



Kontron Gigabit Ethernet KSwitch D3 UMP PoE Series

- ▶ 10-port DIN-Rail Industrial Ethernet Switch
- ▶ IEEE 802.3af/at PoE support
- ▶ Fast & Gigabit Ethernet, unmanaged Layer 2, copper & fiber ports
- ▶ Wide range, dual input DC power supply, alarm output
- ▶ Cost effective and modular

POSSIBILITIES START HERE



KSWITCH D3 UMP SWITCH SERIES

The KSwitch D3 UMP series offers cost-effective unmanaged Industrial Ethernet Switches with up to 10 Fast Ethernet ports, up to 1 Gigabit TX, FX ports or PSE ports which meets the IEEE 802.3af/at standard output (PSE port) and up to 60 Watts high power output

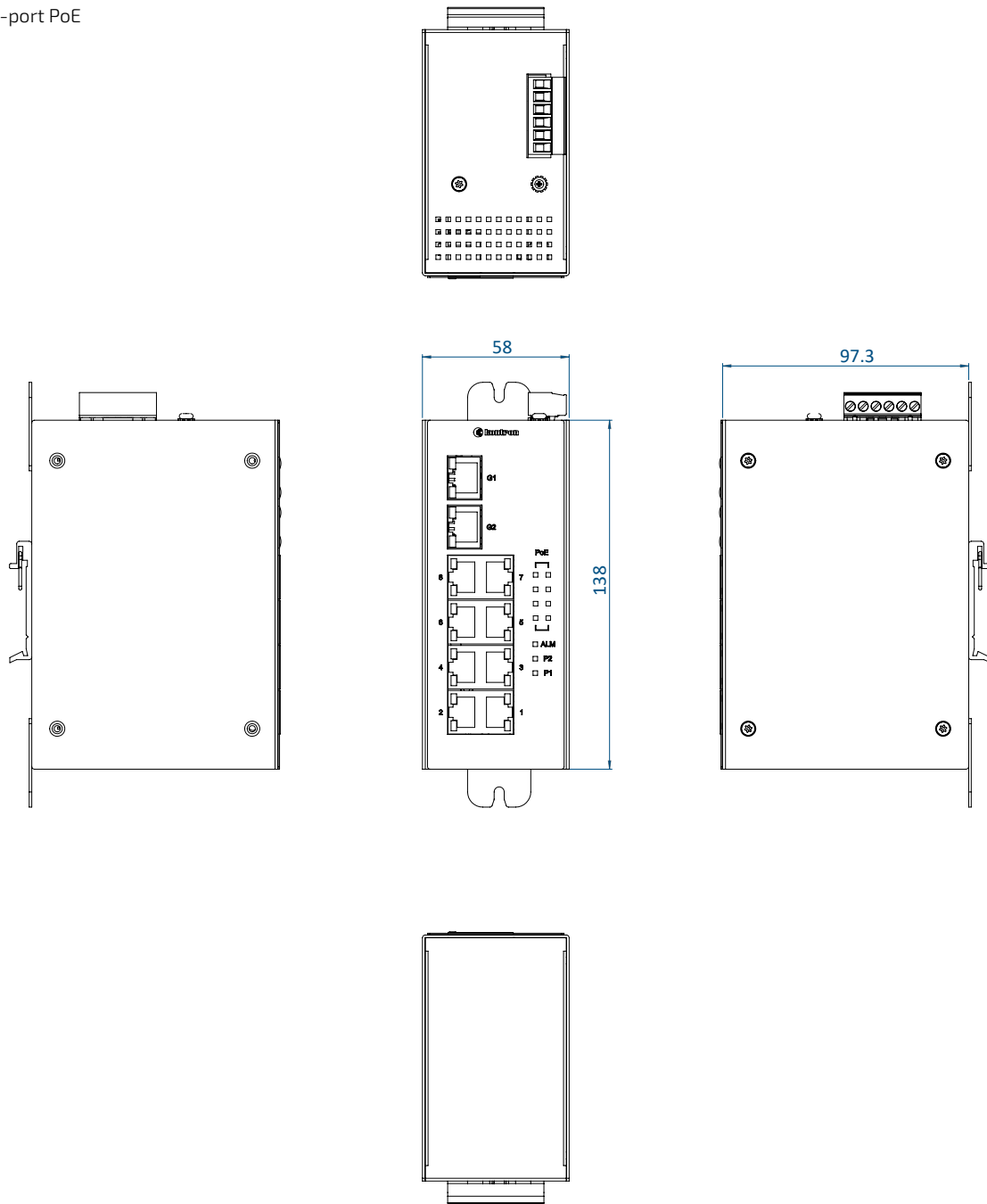
by a PSB port. The KSwitch D3 UMP series can easily be used in factory production lines, embedded into machine systems or deployed for any simple network expansion. The KSwitch D3 UMP series is the perfect solution for all applications where PoE support

► TECHNICAL INFORMATION

		KSWITCH D3 UMP PoE
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 5.6 Gbps
RJ45 COPPER PORTS	SPEED MDI/MDIX AUTO-CROSSOVER AUTO-NEGOTIATION/DUPLEX ETHERNET PORT PROTECTION PoE	8x 10/100 Mbps, up to 2x 10/100/1000 Mbps Support straight or cross wired cables 10/100/1000 Mbps speed auto-negotiation, full and half duplex 1.5KV VRMS 1 minute (Hipot), 2KV surge immunity on RJ45 copper ports IEEE 802.3af/at (15.4/30 Watt), PoE/PoE+
FIBER PORTS	PORT TYPES SUPPORTED FILTER PORT CONNECTOR OPTIMAL FIBER CABLE	Up to 2x 1000 Base SFP slot LC/RJ45 connector for fiber ports 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, IEEE 802.3af/at
POWER	POWER INPUT INPUT VOLTAGE RANGE REVERSE POWER PROTECTION TRANSIENT PROTECTION POWER CONSUMPTION	Redundant power input, removable terminal block 46-57 V DC yes > 15,000 W peak 10 W (without PoE load), 8x 30 W, total power budget, 240 W
INDICATORS	POWER STATUS INDICATION ETHERNET PORT INDICATION	Power input status Link & speed
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 hours
MECHANICAL	PROTECTION DIMENSION (HxWxD) WEIGHT INSTALLATION	IP30 138x58x97.3 mm 900 g DIN-Rail mounting, wall mounting

▶ MECHANICAL DRAWING

10-port PoE



▶ ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION	10/100 T(X)	10/100/1000 T(X)	10/100/1000 F(X)
ON REQUEST					
KSWITCH D3UMP 8FP30-2GS*		Industrial 10-port Unmanaged PoE Ethernet Switch, 8PoE/PoE+ output, -40 °C to 75 °C of operating temperature, Dual DC power input	8 (8PoE)		2
KSWITCH D3UMP 8FP30-2G*		Industrial 10-port Unmanaged PoE Ethernet Switch, 8PoE/PoE+ output, -40 °C to 75 °C of operating temperature, Dual DC power input	8 (8PoE)	2	
PACKAGE CONTENTS		KSwitch D3 UMP Switch, terminal block, DIN-Rail mounting kit, safety instruction sheet			
ACCESSORIES					
SFP MODULES					
RK2U, RK4U		19" Rack Mount Kit 4U or 2U			
230 V AC TO DC POWER ADAPTER					

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

▶ GLOBAL HEADQUARTERS

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