Xelity 8 Port Switch IP67 100 Mbit/s

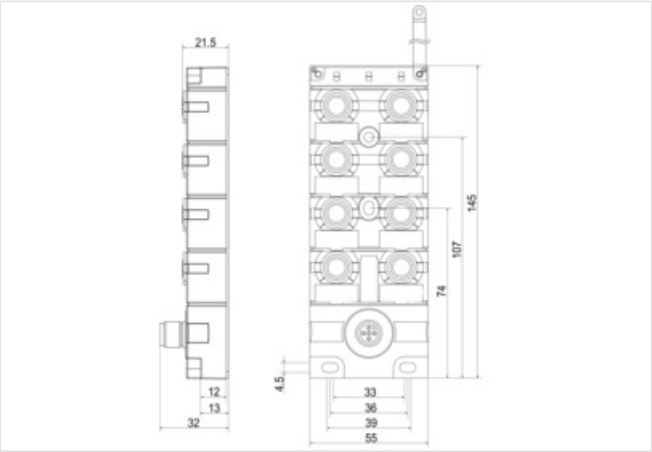
Art.No.: 58931
Weight: 0,485 kg
Country of origin: DE
Model designation: Xelity-8TX-IP67-FE

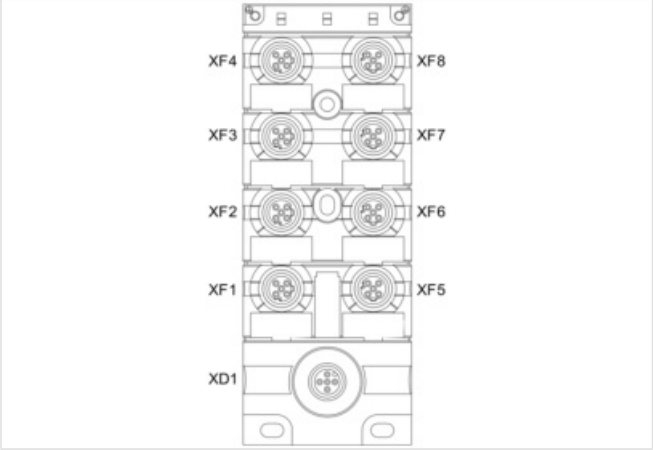
The Xelity product range is specially designed for use in industrial environments, with switches that have Ethernet ports for twisted pair cables. The unmanaged Xelity Switch IP67 is characterized by LED indicators that show the functionality of the power supply and existing data connections. It is extremely user-friendly thanks to plug-and-play and offers cost-effective network expansion with low power consumption and space requirements. Other features include IP67 certification for the housing and connections as well as a wide ambient temperature range of -40°C to min. 70°C. The mounting holes allow easy installation directly on various profile systems.

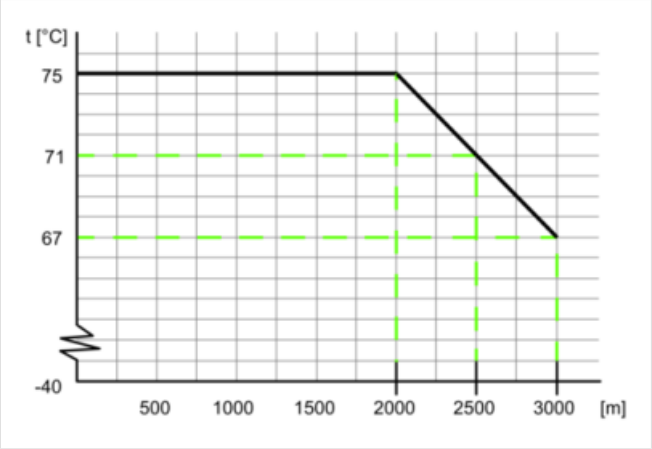
Link to Product

Illustration

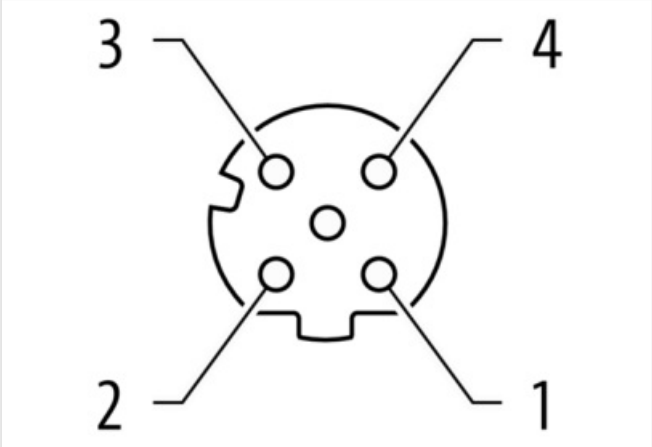








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Product may differ from Image

Commercial data	
Manufacturer name	Murrelektronik
Manufacturer product family	Xelity
Manufacturer product type	Switch
URI manufacturer	https://www.murrelektronik.com/
URI product	https://shop.murrelektronik.com/58931/
URL Webshop	https://shop.murrelektronik.com/58931
GTIN	4065909059715
EU-Customs tariff number	85176200
US-Customs tariff number	8517620090
ECLASS-6.0	19170106
ECLASS-6.1	19170106
ECLASS-7.0	19170106
ECLASS-8.0	19170106
ECLASS-9.0	L
ECLASS-10.1	19170402
ECLASS-11.1	19170402
ECLASS-12.0	19170402
ETIM-5.0	EC000734
ETIM-6.0	EC000734
ETIM-7.0	EC000734
ETIM-8.0	EC000734
ETIM-9.0	EC000734
ETIM-10.0	EC000734
Type of packaging	Carton
Contents per packing unit	1
customs tariff number	85176200
EAN	4065909059715
Packaging unit	1

Electrical data | Supply	
Operating voltage type	DC
Operating voltage DC	12 V / 24 V 36 V
Operating voltage DC min.	9 V
Operating voltage DC max.	45 V

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Power failure bridging time	10 ms
Idle current min.	10 mA
Current consumption max.	140 mA
Power consumption max.	1.4 W
Industrial Communication	
Number of HW interfaces (Industrial Ethernet)	8
Industrial communication | Bus data	
Supported protocol	PROFINET, Ethernet/IP
Industrial communication | Ethernet functionality	
MDI	Yes
Broadcast storm protection	Yes
LLDP frames	blocked
RSTP frames	forwarding
QoS unmanaged (IEEE 802.1p)	Round robin, 2 queues
VLAN unmanaged (IEEE 802.1Q)	Tag forwarding
MAC address table max. (number of addresses)	1000
Green Ethernet	No
Transmission type (Port 1)	100 BASE-T(X), 10 BASE-T
Transmission type (Port 2)	100 BASE-T(X), 10 BASE-T
Transmission type (Port 3)	100 BASE-T(X), 10 BASE-T
Transmission type (Port 4)	100 BASE-T(X), 10 BASE-T
Transmission type (Port 5)	100 BASE-T(X), 10 BASE-T
Transmission type (Port 6)	100 BASE-T(X), 10 BASE-T
Transmission type (Port 7)	100 BASE-T(X), 10 BASE-T
Transmission type (Port 8)	100 BASE-T(X), 10 BASE-T
Switch type	unmanaged
Switching procedure	Store & forward
duplex	Full or half duplex
Auto-negotiation	Yes
Auto-crossover	Yes
Auto-polarity	Yes
Flow control (IEEE 802.3x)	Pause-frames, Back pressure
Energy-efficient Ethernet (IEEE 802.3az)	No
Package buffer	0.448 Mbit
Topology	line, star
Line topology cascading max.	infinite
Industrial communication | PROFINET	
Conformance Class	A
Diagnostics	
LED display	Ethernet connection/data traffic, Power
Installation	
Connection cross section max.	2.5 mm²
Installation | Connection	
Number ports	8
Device protection | Electrical	
Installation height max. ASL	3000 m
Degree of protection (EN IEC 60529)	IP67, IP65
Protection class (EN IEC 61140)	III
Additional condition protection class	Power supply must comply with SELV or PELV
Invers-polarity protection	Yes

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Pollution Degree	3
Over voltage protection	Yes
Overload protection device supply	No
Circuit Breakers	1 A
Protective circuitry input	Suppressor diode, Varistor
Galvanic separation (operating voltage)	No
Device protection | Mechanical	
Free fall (EN 61131-2)	0.3 m
Shock resistance (EN IEC 60068-2-27)	30 g 11 ms 6 x (X-, Y-, Z-axis)
Vibration resistance (EN IEC 60068-2-6)	3,5 mm (5 ... 9 Hz), 10 g (60 ... 150 Hz), 10 cycles, 3 axes
Device protection | Media	
Flame resistance	flame retardant
Mechanical data | Material data	
housing	Zinc die-casting
Color housing	gray
Mechanical data | Mounting data	
Net weight	485 g
Height	145 mm
Width	55 mm
Depth	32 mm
mounting position	random
Mounting method	screwed
Suitable for mounting type	Wall mounting, horizontal, vertical
Environmental characteristics | Electromagnetic compatibility	
Interference emission	EN IEC 61000-6-4, EN IEC 61000-6-3, EN IEC 61000-6-8
Immunity to interference	EN IEC 61000-6-2, IEC/EN 61131-2
Environmental characteristics | Climatic	
Ambient temperature (operation)	-40 °C … 75 °C
Ambient temperature (storage, transport)	-40 °C … 85 °C
Relative humidity (operation)	10 % … 95 %
Additional condition relative humidity	without dew formation, without condensation, without ice formation
Assembly location	Interior
Technical Data | Reliability	
MTTF (EN/IEC 61709, EN ISO 13849-1, SN 29500)	204 a @ 40 °C
Environmental product conformity	
REACH ((EC) 1907/2006)	compliant
RoHS (2011/65/EU, (EU) 2015/863)	compliant
RoHS-Exemption (2011/65/EU)	6(c), 7(a), 7(c)-I
China RoHS (SJ/T 11364, GB/T 26572)	EFUP-25
California Proposition 65	Nickel (Ni) CAS 7440-02-0
WEEE (2012/19/EU)	Category 6
Halogen content	not halogen-free
Lead-free	2011/65/EU, (EU) 2015/863
Conformity	
CE	2014/30/EU, 2011/65/EU
UKCA	The Electromagnetic Compatibility Regulations 2016, The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
Approvals	
UL Listed (US, CA)	E201820
Connection type 2-2	

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Connection type 1	XD1
Connection type 2	XF4, XF7, XF1, XF2, XF3, XF8, XF5, XF6
Family construction form	M12
No. of poles	5
Coding	A
Gender	male
Color contact carrier	black
Mounting method	screwed
Connection	Threaded hole
Tightening torque	0.6 Nm
PIN 1	24 V DC (UB 1)
PIN 2	24 V DC (UB 2)
PIN 3	0 V
PIN 4	0 V
PIN 5	FE
Family construction form	M12
No. of poles	4
Coding	D
Gender	female
Color contact carrier	green
Mounting method	screwed
Connection	Threaded hole
Tightening torque	0.6 Nm
PIN 1	TD +
PIN 2	RD +
PIN 3	TD -
PIN 4	RD -

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