

Xelity 8 Port IP67 1000 Mbit/s

Art.No.: 58933

Weight: 0.489 kg

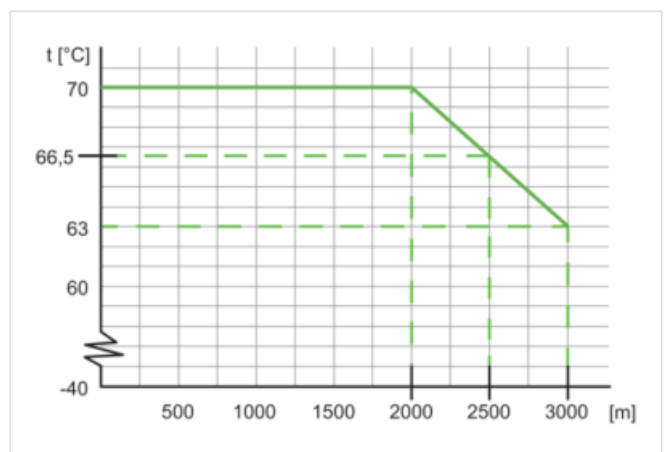
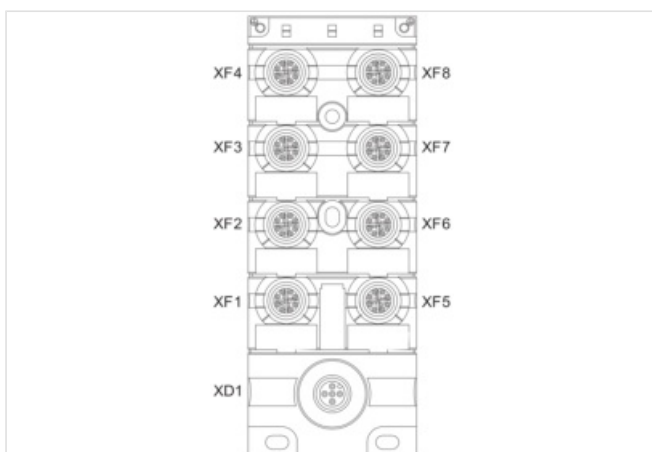
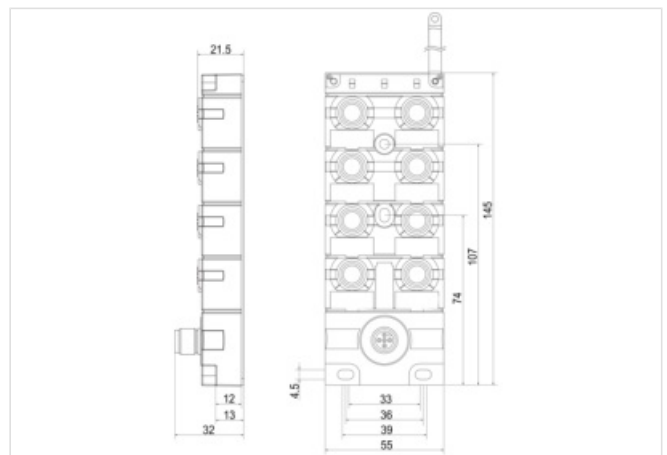
Country of origin: DE

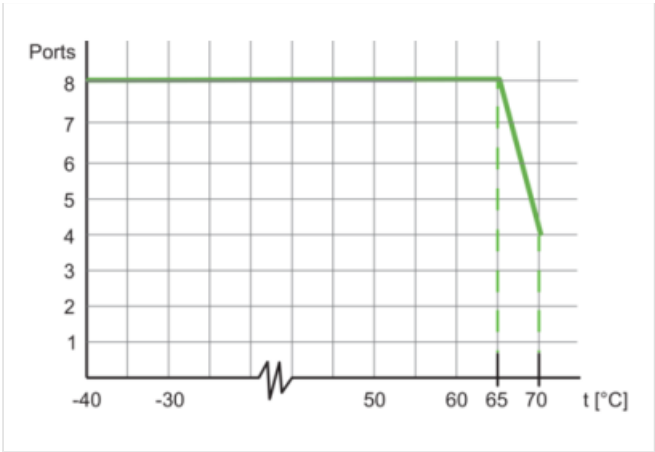
Model designation: Xelity-8TX-IP67-GE

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.

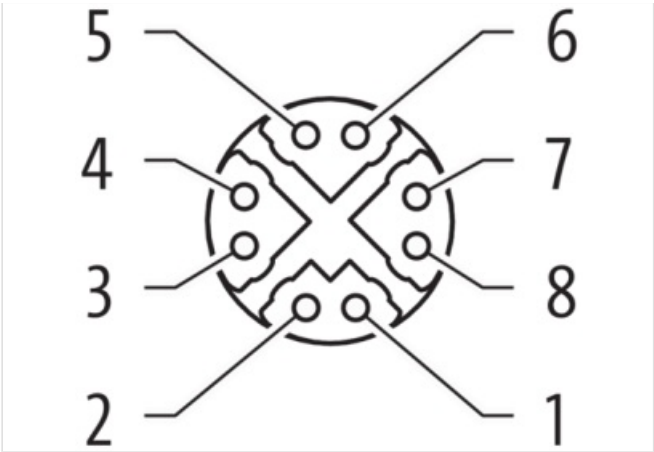
[Link to Product](#)

Illustration





Product may differ from Image



Header	
Material short text	Xelity-8TX-IP67-GE
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/58933/
URL Webshop	https://shop.murrelektronik.com/58933
GTIN	4065909059739
ECLASS-6.0	19170106
ECLASS-6.1	19170106
ECLASS-7.0	19170106
ECLASS-7.1	19170106
ECLASS-8.0	19170106
ECLASS-8.1	19170106
ECLASS-9.0	19170106
ECLASS-9.1	19170106
ECLASS-10.0.1	19170402
ECLASS-10.1	19170402
ECLASS-11.0	19170402
ECLASS-11.1	19170402
ECLASS-12.0	19170402
ECLASS-13.0	19170402
ECLASS-14.0	19170402
ETIM-5.0	EC000734
ETIM-6.0	EC000734
ETIM-7.0	EC000734
ETIM-8.0	EC000734
Type of packaging	Carton
Contents per packing unit	1
customs tariff number	85176200
EAN	4065909059739

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
Power failure bridging time	10 ms
Idle current min.	10 mA
Current consumption max.	380 mA
Power consumption max.	4 W

Industrial Communication

Supported protocol	Profinet, Ethernet/IP
Number of HW interfaces (Industrial Ethernet)	8

Industrial communication | Ethernet functionality

MDI	Yes
Broadcast storm protection	Yes
LLDP frames	blocked
RSTP frames	forwarding
QoS unmanaged (IEEE 802.1p)	Strict priority, 8 queues
VLAN unmanaged (IEEE 802.1Q)	Tag forwarding
MAC address table max. (number of addresses)	16.000
Jumbo Frames	10 kB
Green Ethernet	No
Transmission type (Port 1)	1 GBASE-T, 100 BASE-T(X), 10 BASE-T
Transmission type (Port 2)	1 GBASE-T, 100 BASE-T(X), 10 BASE-T
Transmission type (Port 3)	1 GBASE-T, 100 BASE-T(X), 10 BASE-T
Transmission type (Port 4)	1 GBASE-T, 100 BASE-T(X), 10 BASE-T
Transmission type (Port 5)	1 GBASE-T, 100 BASE-T(X), 10 BASE-T
Transmission type (Port 6)	1 GBASE-T, 100 BASE-T(X), 10 BASE-T
Transmission type (Port 7)	1 GBASE-T, 100 BASE-T(X), 10 BASE-T
Transmission type (Port 8)	1 GBASE-T, 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	1,5 Mbit
Topology type	line, star

Industrial communication | Profinet

PROFINET conformance class	A
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Diagnostics

LED display	Ethernet connection/data traffic, Power
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Installation

Connection cross section max.	2,5 mm ²
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Installation | Connection

Number ports	8
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Device protection | Electrical

Installation height max. ASL	3.000 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
Pollution Degree	3
Over voltage protection	Yes
Overload protection device supply	No
Circuit Breakers	1 A
Protective circuitry input	Suppressor diode, Yes
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
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Mechanical data | Material data

Material housing	Zinc die-casting
Color housing	gray

Mechanical data | Mounting data

Net weight	489 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
Ambient temperature (storage, transport)	-40 °C
Relative humidity (operation)	10 %
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)	145 a @ 40 °C
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Environmental product conformity

REACH	(EC) No 1907/2006
REACH-SVHC	(EC) No 1907/2006
RoHS	2011/65/EU Exception 6c, 7a & 7c1
China RoHS	EPUP-25
California Proposition 65	Ni CAS No. 7440-02-0
WEEE	Category 6
Halogen-free-Material	not halogen-free
Pb-free-Material	2011/65/EU & (EU)2015/863

Conformity

CE	2014/30/EU, 2011/65/EU
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UKCA	Electromagnetic Compatibility Regulations 2016, The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
EMC	IEC/EN 61000-6-2 IEC/EN 61000-6-3
Approvals	
UL	UL 61010-1 UL 61010-2-201
ULc	CSA C22.2 No. 61010-1-12 CSA C22.2 No. 61010-2-201
Connection type 2	
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	8
Coding	X
Gender	female
Color contact carrier	green
Mounting method	screwed
Connection	Threaded hole
Tightening torque	0,6 Nm
PIN 1	DA +
PIN 2	DA -
PIN 3	DB +
PIN 4	DB -
PIN 5	DD +
PIN 6	DD -
PIN 7	DC -
PIN 8	DC +