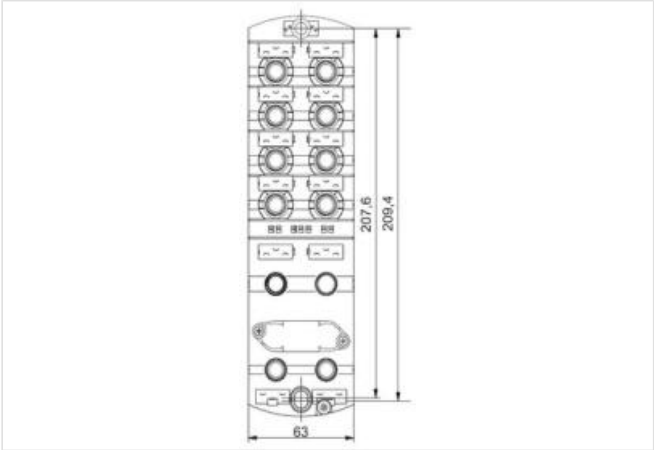


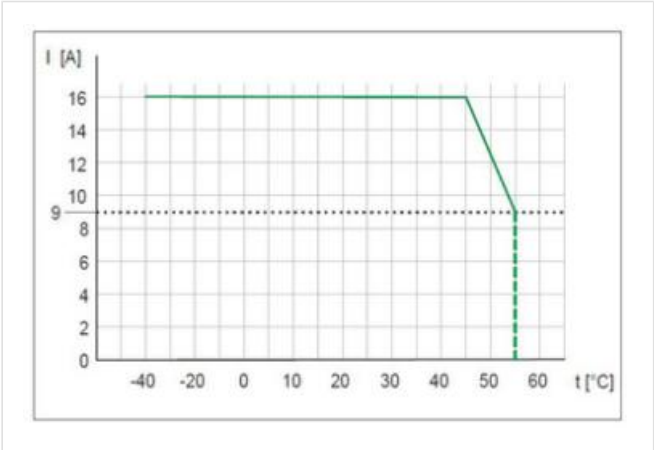
Xelity 8 + 2TX Unmanaged Switch IP67 8 x GE 2 x 2,5GE 5 pole

Link to Product

Illustration



Product may differ from Image



General product information	
Manufacturer name	Murrelektronik
Manufacturer product designation	Xelity 8+2TX IP67 8xGE 2x2,5GE 5P
URI manufacturer	https://www.murrelektronik.com/
URI product	https://shop.murrelektronik.com/58950
Commercial data	
ECLASS-6.0	19170106
ECLASS-6.1	19170106
ECLASS-7.0	19170106
ECLASS-8.0	19170106

ECLASS-9.0	19170106
ECLASS-10.1	19170402
ECLASS-11.1	19170402
ECLASS-12.0	19170402
ETIM-5.0	EC000734
ETIM-6.0	EC000734
ETIM-7.0	EC000734
customs tariff number	85176200
GTIN	4065909086933
Packaging unit	1

Electrical data | Supply

Operating voltage type	DC
Operating voltage US DC	24 V
Operating voltage US DC min.	9 V
Operating voltage US DC max.	30 V
Operating voltage UA DC	24 V
Operating voltage UA DC min.	9 V
Operating voltage UA DC max.	30 V
Power consumption max.	7 W
Current consumption max.	700 mA

Electrical data | Input

Input current	100 mA
Input current min.	75 mA
Input current max.	125 mA

Industrial communication

Supported protocol	EtherNet/IP, PROFINET
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Industrial communication | Ethernet functionality

Topology type	line, star
Auto-crossover	yes
Auto-negotiation	yes
Auto-polarity	yes
Broadcast storm protection	yes
duplex	Full or half duplex
Green Ethernet	no
Jumbo Frames	10 kB
Auto-Sensing	yes
LLDP frames	blocked
MAC address table max. (number of addresses)	16000
MDI	yes
QoS unmanaged (IEEE 802.1p)	Strict priority, 8 queues
RSTP frames	forwarding
Switch type	unmanaged
Switching procedure	Store & forward
VLAN unmanaged (IEEE 802.1Q)	Tag forwarding
Transmission type (Port 1)	2.5 GBASE-T, 1 GBASE-T, 100 BASE-T(X)
Transmission type (Port 10)	1 GBASE-T, 100 BASE-T(X), 10 BASE-T
Transmission type (Port 2)	2.5 GBASE-T, 1 GBASE-T, 100 BASE-T(X)
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
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Transmission type (Port 9)	1 GBASE-T, 100 BASE-T(X), 10 BASE-T
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Industrial communication | Profinet

PROFINET conformance class	A
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Diagnostics

LED display	Power, Ethernet connection/data traffic
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Installation

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

Number ports	10
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Device protection | Electrical

Installation height max. ASL	3000 m
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Degree of protection (EN IEC 60529)	IP65, IP67
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Protection class (EN IEC 61140)	III
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Overload protection device supply	yes
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Invers-polarity protection	yes
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Pollution Degree	3
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Protective circuitry input	Varistor, Suppressor diode
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Short-circuit protected	yes
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Galvanic separation (operating voltage)	no
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Galvanic separation input/input	no
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Galvanic separation input/output	no
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Galvanic separation output/output	no
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Overvoltage category (EN 60664-1)	I
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Over voltage protection	yes
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Device protection | Mechanical

Free fall (EN 61131-2)	0,3 m
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Shock resistance (EN IEC 60068-2-27)	30 g, 11 ms 6 x (X-, Y-, Z-axis)
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Vibration resistance (EN IEC 60068-2-6)	3,5 mm (3 ... 60 Hz), 10 g (6 ... 150 Hz)
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Mechanical data | Material data

Color housing	silver
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Material housing	Zinc die-casting
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Mechanical data | Mounting data

Net weight	900 g
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Mounting method	screwed
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mounting position	random
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Height	225 mm
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Width	63 mm
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Depth	37,4 mm
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Environmental characteristics | Climatic

Operating temperature min.	-40 °C
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Operating temperature max.	45 °C
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Derating from	45 °C
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Storage temperature min.	-40 °C
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Storage temperature max.	85 °C
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Transport temperature min.	-40 °C
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Transport temperature max.	85 °C
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Relative humidity max. (operation)	95 % no dew formation
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Technical Data | Reliability

MTTF	100 a, SN 29500
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Additional condition MTTF, MTBF 40 °C

Environmental product conformity	
REACH	(EC) No 1907/2006
RoHS	2011/65/EU & (EU)2015/863 Exception 6c, 7a & 7c1
China RoHS	GB/T 26572 EPUP-25
WEEE	2012/19/EU Category 6
Conformity	
CE	2014/30/EU, 2011/65/EU
UKCA	Electromagnetic Compatibility Regulations 2016, The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
Approvals	
UL	UL 61010-1 E201820, UL 61010-2-201 E201820
ULc	CSA C22.2 No. 61010-1-12 E201820, CSA C22.2 No. 61010-2-201 E201820
	yes
Connection type 3	
Connection type 1	XD1
Connection type 2	XD2
Connection type 3	XF1-XF10
Cable length max.	100 m
Family construction form	M12
Gender	male
Impedance connection cable	100 Ω
Cable category min.	Cat5
Color contact carrier	black
Coding	L
No. of poles	5
PIN 1	24 V DC (UB 1) (US)
PIN 2	0 V (UA)
PIN 3	0 V (UB 1) (US)
PIN 4	24 V DC (UA)
PIN 5	PE
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	L
No. of poles	5
PIN 1	24 V DC (UB 1) (US)
PIN 2	0 V (UA)
PIN 3	0 V (UB 1) (US)
PIN 4	24 V DC (UA)
PIN 5	PE
Family construction form	M12
Gender	female
Color contact carrier	green
Coding	X
No. of poles	8
PIN 1	DA +
PIN 2	DA -
PIN 3	DB +
PIN 4	DB -
PIN 5	DD +
PIN 6	DD -
PIN 7	DC -

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-12

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PIN 8

DC +