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

Art.No.: 58950
Weight: 0,900 kg
Country of origin: DE
Model designation: Xelity 8 + 2TX IP67 8 x GE 2 x 2,5GE 5P

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.

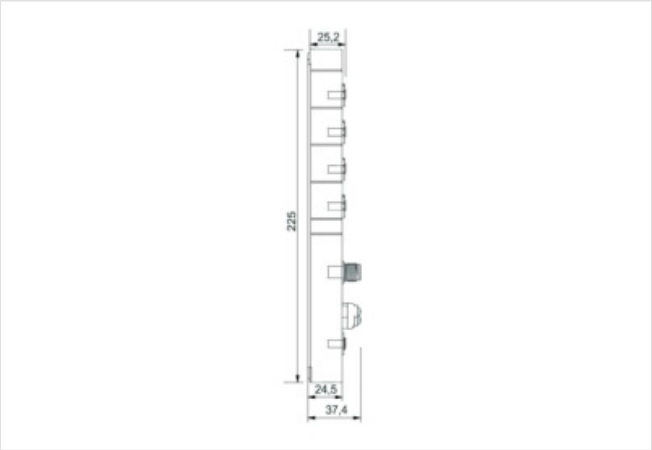
Other features include IP67 certification for the housing and connections as well as a wide ambient temperature range of -40°C to min. 70°C.

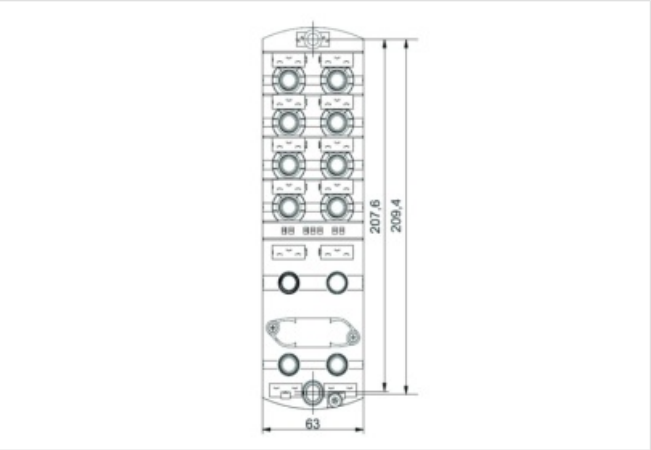
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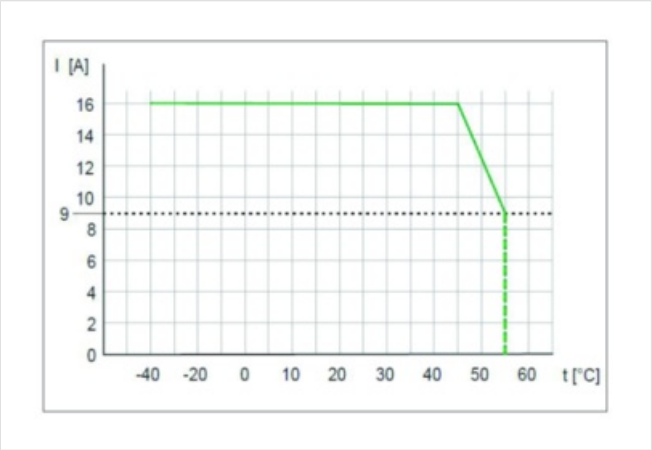
Link to Product

Illustration









Product may differ from Image

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Commercial data	
Manufacturer name	Murrelektronik
URI manufacturer	https://www.murrelektronik.com/
URI product	https://shop.murrelektronik.com/58950
URL Webshop	https://shop.murrelektronik.com/58950
GTIN	4065909086933
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	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
ETIM-8.0	EC000734
ETIM-9.0	EC000734
ETIM-10.0	EC000734
Contents per packing unit	1
Gross weight	1021 g
customs tariff number	85176200
EAN	4065909086933
Packaging unit	1
Electrical data | Supply	
Operating voltage type	DC
Operating voltage US DC	24 V
Operating voltage range US DC	9 V … 30 V
Operating voltage UA DC	24 V
Operating voltage range UA DC	9 V … 30 V
Current consumption max.	700 mA
Power consumption max.	7 W
Electrical data | Input	
Input current	100 mA
Input current min.	75 mA
Input current	125 mA
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)	Strict priority, 8 queues

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VLAN unmanaged (IEEE 802.1Q)	Tag forwarding
MAC address table max. (number of addresses)	16000
Jumbo Frames	10 kB
Green Ethernet	No
Transmission type (Port 1)	2.5 GBASE-T, 1 GBASE-T, 100 BASE-T(X)
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
Transmission type (Port 9)	1 GBASE-T, 100 BASE-T(X), 10 BASE-T
Transmission type (Port 10)	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
Auto-Sensing	Yes
Topology	line, star
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	10
Cable category min.	Cat5
Impedance connection cable	100 Ω
Device protection | Electrical	
Installation height max. ASL	3000 m
Degree of protection (EN IEC 60529)	IP67, IP65
Protection class (EN IEC 61140)	III
Short-circuit protected	Yes
Invers-polarity protection	Yes
Pollution Degree	3
Over voltage protection	Yes
Overload protection device supply	Yes
Protective circuitry input	Suppressor diode, Varistor
Galvanic separation (operating voltage)	No
Galvanic separation input/input	No
Galvanic separation input/output	No
Galvanic separation output/output	No
Overvoltage category (EN 60664-1)	I
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 (3 ... 60 Hz), 10 g (6 ... 150 Hz)

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Mechanical data | Material data	
housing	Zinc die-casting
Color housing	silver
Mechanical data | Mounting data	
Net weight	900 g
Height	225 mm
Width	63 mm
Depth	37.4 mm
mounting position	random
Mounting method	screwed
Cable length max.	100 m
Environmental characteristics | Electromagnetic compatibility	
Interference emission	EN IEC 61000-6-3
Environmental characteristics | Climatic	
Ambient temperature (operation)	-40 °C … 45 °C
Derating	min. 45 °C
Ambient temperature (storage, transport)	-40 °C … 85 °C
Relative humidity (operation)	95 %
Additional condition relative humidity	no dew formation
Technical Data | Reliability	
MTTF (EN/IEC 61709, EN ISO 13849-1, SN 29500)	100 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
WEEE (2012/19/EU)	Category 6
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
PROFINET	Yes
Connection type 3-3	
Connection type 1	XD1
Connection type 2	XD2
Connection type 3	XF1-XF10
Family construction form	M12
No. of poles	5
Coding	L
Gender	male
Color contact carrier	black
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
No. of poles	5
Coding	L

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Gender	female
Color contact carrier	black
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
No. of poles	8
Coding	X
Gender	female
Color contact carrier	green
PIN 1	DA +
PIN 2	DA -
PIN 3	DB +
PIN 4	DB -
PIN 5	DD +
PIN 6	DD -
PIN 7	DC -
PIN 8	DC +

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