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Xelity 6TX PROFINET Managed Switch with 1000Mbit

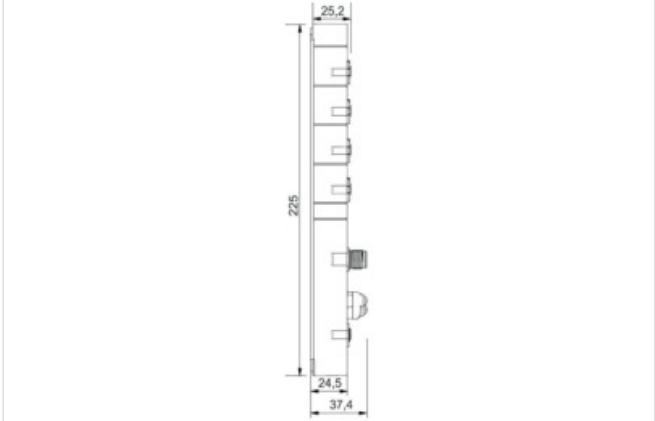
+ 4 Power M12 IP67 M12L 5-pole

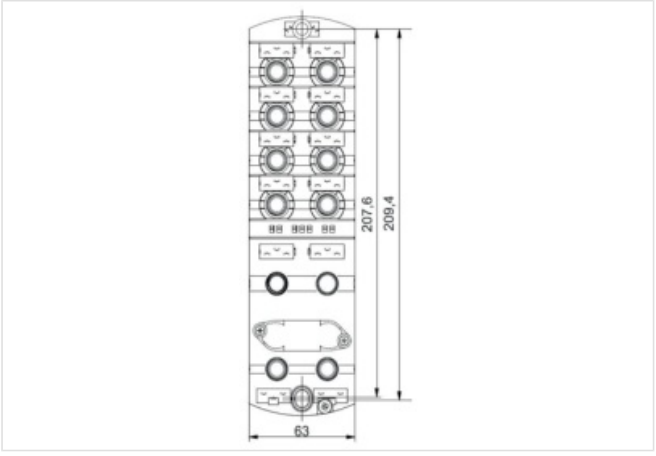
Art.No.: 58857
Weight: 0.904 kg
Country of origin: DE
Model designation: Xelity 6TX 4PW IP67 M GE PN 5P

Xelity Hybrid Switches are the ideal solution for connecting up to four cameras and other network participants (under 100W output power) via standardized M12 a-coded connections for power supply and M12 x-coded connections for Ethernet data connection.The NEC Class 2 protection of the power outputs and the integrated Mico overcurrent protection ensure that the connected participants and the cables are electrically protected.Thanks to the proven IP67 housing concept, the switches fit seamlessly into your decentralized installation concepts. The devices are used in intralogistics, in machine vision and everywhere else where Ethernet cameras are used.

Link to Product

Illustration





Product may differ from Image

Header

Material short text	Xelity 6TX 4PW IP67 M GE PN 5P

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Commercial data	
URL Webshop	https://shop.murrelektronik.com/58857
GTIN	4065909055441
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	19170401
ECLASS-9.1	19170106
ECLASS-10.0.1	19170401
ECLASS-10.1	19170401
ECLASS-11.0	19170401
ECLASS-11.1	19170401
ECLASS-12.0	19170401
ECLASS-13.0	19170401
ECLASS-14.0	19170401
ETIM-5.0	EC000734
ETIM-6.0	EC000734
ETIM-7.0	EC000734
ETIM-8.0	EC000734
customs tariff number	85176200
EAN	4065909055441
Packaging unit	1
Electrical data | Supply	
Operating voltage type	DC
Operating voltage US DC	24 V
Operating voltage US DC min.	18 V
Operating voltage US DC max.	30 V
Current consumption max.	183 mA
Power consumption max.	3,8 W
Electrical data | Output	
Actuator current UA per output max.	16.000 A
Industrial Communication	
Supported protocol	Ethernet, Profinet
Number of HW interfaces (Industrial Ethernet)	6
Industrial communication | Ethernet functionality	
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
Switch type	managed
Switching procedure	Store & forward
duplex	Full or half duplex
Auto-negotiation	Yes
Auto-crossover	Yes
Auto-polarity	Yes
Auto-Sensing	Yes
Package buffer	2 Mbit

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Topology type	ring, net, line, star
Line topology (switch cascading max.)	64
Ring topology	RSTP
Net topology	RSTP
Industrial communication | Profinet	
PROFINET conformance class	B
PROFINET addressing	DCP
PROFIenergy	No
PROFINET Netload Class	III
PROFINET specification	V2.4
PROFINET cycle time min.	128 ms
IRT (network communication)	No
IRT (application)	No
MRP client	Yes
FSU (Fast-Start-Up)	No
Shared device/input	No
Industrial communication | IIoT functions	
Webserver	HTTPS
IP preset	0.0.0.0/24
Switch Management	
Priorization type (IEEE 802.1D/p)	(Mapping CoS/DSCP)
QoS (IEEE 802.1p)	8 queues
VLAN managed (IEEE 802.1Q)	Yes
VLANs max. (IEEE 802.1Q)	64
MRP (IEC 62439-2)	Client
RSTP (IEEE 802.1D-2004, IEC 62439-1)	Default on
Simple Network Management Protocol (SNMP)	v1 + v2c + v3 (default active)
AutoUpdateX compatible from version	3, 6
Time synchronization	NTP client, Real-time clock
Addressing	DCP, SSHv2 command line, BOOTP/DHCP client, Web based management
Configuration file management	HTTP, Webserver, FTP, TFTP
Diagnostics	
Alarm contact	No
LED display	Ethernet connection/data traffic, Power
System information	Overload indicator, device temperature, Device information, Input voltage
RMON	Yes
Network information	MAC notifications, Neighborhood detection (LLDP, IEEE 802.1AB)
Port mirroring	N:1, 1:1
Remote maintenance	Open VPN client
Syslog	Yes
SNMP traps	Yes
Installation | Connection	
Number ports	8
Device protection | Electrical	
Installation height max. ASL	3.000 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	No

Protective circuitry input	Suppressor diode, Varistor
Device protection | Mechanical	
Shock resistance (EN IEC 60068-2-27)	30 g 11 ms
Vibration resistance (EN IEC 60068-2-6)	3,5 mm (3 ... 60 Hz), 10 g (60 ... 150 Hz)
Mechanical data | Material data	
Material housing	Zinc die-casting
Color housing	silver
Mechanical data | Mounting data	
Net weight	904 g
Height	225 mm
Width	63 mm
Depth	37,4 mm
mounting position	random
Mounting method	screwed
Environmental characteristics | Electromagnetic compatibility	
Interference emission	EN IEC 61000-6-3
Immunity to interference	EN IEC 61000-4-3, EN/IEC 61000-4-4, EN IEC 61000-4-6, EN/IEC 61000-4-2, EN/IEC 61000-4-5, EN/IEC 61000-4-8
Environmental characteristics | Climatic	
Ambient temperature (operation)	-40 °C … 55 °C
Derating from	40 °C
Ambient temperature (storage, transport)	-40 °C … 85 °C
Relative humidity (operation)	95 %
Relative humidity (storage, transport)	max. 95 %
Assembly location	Interior
Technical Data | Reliability	
MTTF (EN/IEC 61709, EN ISO 13849-1, SN 29500)	84 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 5
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 4	
Connection type 1	X1-X4
Connection type 2	XD1
Connection type 3	XD2
Connection type 4	XF1-XF6
Family construction form	M12
No. of poles	5
Coding	L
Gender	male
Color contact carrier	gray

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	FE
Family construction form	M12
No. of poles	5
Coding	L
Gender	female
Color contact carrier	gray
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	FE
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	black
PIN 1	24 V DC (UB 1) (US)
PIN 2	Signal A
PIN 3	0 V
PIN 4	Signal B
PIN 5	FE
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 +