











Industrial Gigabit Ethernet Switches

										
Part number	DN-651118	DN-651120	DN-651134	DN-651135	DN-651148	DN-651149	DN-651150	DN-651151	DN-651152	DN-651153
Product Name	Industrial Gigabit Ethernet Switch 4-Port GE RJ45 + 1-Port GE RJ45 Uplink, Unmanaged	Industrial Gigabit Ethernet Switch 4-Port GE RJ45 PoE + 1-Port GE RJ45 Uplink, Unmanaged	Industrial Gigabit Ethernet Switch 4-Port GE RJ45 + 1-Port GE SFP Uplink, Unmanaged	Industrial Gigabit Ethernet Switch 4-Port GE RJ45 PoE + 1-Port GE SFP Uplink, Unmanaged	Industrial Gigabit Ethernet Switch 4-Port GE RJ45 + 2-Port GE SFP Uplink, Unmanaged	Industrial Gigabit Ethernet Switch 4-Port GE RJ45 PoE + 2-Port GE SFP Uplink, Unmanaged	Industrial Gigabit Ethernet Switch 8-Port GE RJ45 + 2-Port GE SFP Uplink, Unmanaged	Industrial Gigabit Ethernet Switch 8-Port GE RJ45 PoE + 2-Port GE SFP Uplink, Unmanaged	Industrial Gigabit Ethernet Switch 8-Port GE RJ45 + 4-Port GE SFP Uplink, Unmanaged	Industrial Gigabit Ethernet Switch 8-Port GE RJ45 PoE + 4-Port GE SFP Uplink, Unmanaged
Number of ports	4 Ports	4 Ports	4 Ports	4 Ports	4 Ports	4 Ports	8 Ports	8 Ports	8 Ports	8 Ports
Ethernet speed	10/100/1000 Mbit	10/100/1000 Mbit	10/100/1000 Mbit	10/100/1000 Mbit	10/100/1000 Mbit	10/100/1000 Mbit	10/100/1000 Mbit	10/100/1000 Mbit	10/100/1000 Mbit	10/100/1000 Mbit
Number of ports (Uplink)	1 Port	1 Port	1 Port	1 Port	2 Ports	2 Ports	2 Ports	2 Ports	4 Ports	4 Ports
Uplink port connection	RJ45	RJ45	SFP	SFP	SFP	SFP	SFP	SFP	SFP	SFP
Uplink port speed	1000 Mbit	1000 Mbit	1000 Mbit	1000 Mbit	1000 Mbit	1000 Mbit	1000 Mbit	1000 Mbit	1000 Mbit	1000 Mbit
PoE (Power over Ethernet)	⊗	⊙	⊗	⊙	⊗	⊙	⊗	⊙	⊗	⊙
Number of PoE ports	⊗	4	⊗	4	⊗	4	⊗	8	⊗	8
Standard 802.3af (PoE Type 1) 15,4W	⊗	⊙	⊗	⊙	⊗	⊙	⊗	⊙	⊗	⊙
Standard 802.3at (PoE Type 2) 30W	⊗	⊙	⊗	⊙	⊗	⊙	⊗	⊙	⊗	⊙
Standard 802.3bt (PoE Type 3) 60W	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Standard 802.3bt (PoE Type 4) 90W	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Total PoE Power budget (W)	⊗	100 W	⊗	100 W	⊗	100 W	⊗	200 W	⊗	200 W
Maximum Power / Port (W)	⊗	30 W	⊗	30 W	⊗	30 W	⊗	30 W	⊗	30 W
Managed	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Industrial usage	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Installation type	DIN Rail	DIN Rail	DIN Rail	DIN Rail	DIN Rail	DIN Rail	DIN Rail	DIN Rail	DIN Rail	DIN Rail
Automatic cable detection - Auto MDI / MDI-X function	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙

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Supported: IEEE802.3x Flow Control and Back Pressure	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Supported: Store and forward technology for optimized data transfer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Automatic speed and half/full duplex recognition/adjustment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Backplane	14 Gbps	14 Gbps	14 Gbps	14 Gbps	14 Gbps	14 Gbps	20 Gbps	20 Gbps	52 Gbps	52 Gbps
Size of MAC addresses Table	2K	2K	2K	2K	2K	2K	4K	4K	8K	8K
Housing	Compact, robust metal housing	Compact, robust metal housing	Compact, robust metal housing	Compact, robust metal housing	Compact, robust metal housing	Compact, robust metal housing	Compact, robust metal housing	Compact, robust metal housing	Compact, robust metal housing	Compact, robust metal housing
Short-circuit protection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Lightning and overvoltage protection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Suitable for DIN rail (top-hat rail) mounting	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Redundant power supply with reverse polarity protection function	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Power supply	12~48 V DC	48~57 V DC	12~52 V DC	48~57 V DC	12~48 V DC	48~57 V DC	12~48 V DC	48~57 V DC	12~48 V DC	48~57 V DC
VLAN Isolation mode	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Removable terminal connection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Protection class:	IP40	IP40	IP40	IP40	IP40	IP40	IP40	IP40	IP40	IP40
Extended operating temperature range	-40 °C ~ +80 °C	-40 °C ~ +80 °C	-40 °C ~ +80 °C	-40 °C ~ +80 °C	-40 °C ~ +80 °C	-40 °C ~ +80 °C	-40 °C ~ +80 °C	-40 °C ~ +80 °C	-40 °C ~ +80 °C	-40 °C ~ +80 °C
Suitable for non-condensing humidity	5% to 95%	5% to 95%	5% to 95%	5% to 95%	5% to 95%	5% to 95%	5% to 95%	5% to 95%	5% to 95%	5% to 95%