






Industrial Gigabit Ethernet Special Switches



					
Part number	DN-651107	DN-651108	DN-651126	DN-651127	DN-651113
Product Name	Industrial Gigabit Ethernet Switch 5-Port GE RJ45, Unmanaged	Industrial Gigabit Ethernet Switch 8-Port GE RJ45, Unmanaged	Industrial Gigabit Ethernet Switch 5-Port GE RJ45, Flat, Unmanaged	Industrial Gigabit Ethernet Switch 8-Port GE RJ45, Flat, Unmanaged	Industrial Gigabit Ethernet Switch 7-port GE RJ45 (PoE) + 1 PD-port IEEE802.3bt, DIN rail, extended temp.range, Unmanaged
Number of ports	5 Ports	8 Ports	5 Ports	8 Ports	7 Ports
Ethernet speed	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 (PD Port, max 95 W)
Uplink port connection	⊗	⊗	⊗	⊗	RJ45
Uplink port speed	⊗	⊗	⊗	⊗	1000 Mbit
PoE (Power over Ethernet)	⊗	⊗	⊗	⊗	✓
Number of PoE ports	⊗	⊗	⊗	⊗	7
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)	⊗	⊗	⊗	⊗	120 W
Maximum Power / Port (W)	⊗	⊗	⊗	⊗	30 W
Managed	⊗	⊗	⊗	⊗	⊗
Industrial usage	✓	✓	✓	✓	✓
Installation type	DIN Rail / Wall mount	DIN Rail / Wall mount	DIN Rail	DIN Rail	DIN Rail

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Automatic cable detection - Auto MDI / MDI-X function	✓	✓	✓	✓	✓
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	10 Gbps	16 Gbps	14 Gbps	16 Gbps	16 Gbps
Size of MAC addresses Table	8K	8K	2K	4K	4K
Housing	Compact, robust metal housing	Compact, robust metal housing	Compact, flat, robust metal housing	Compact, flat, 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	12~56 V DC 18~ 36 V AC	12~56 V DC	12~48 V DC	12~48 V DC	48~57 V DC
VLAN Isolation mode	✗	✗	✗	✗	✓
Removable terminal connection	✓	✓	✓	✓	✓
Protection class	IP30	IP30	IP40	IP40	IP40
Extended operating temperature range	-40 °C ~ +75 °C	-40 °C ~ +75 °C	-40 °C ~ +80 °C	-40 °C ~ +80 °C	-20 °C ~ +70 °C
Suitable for non-condensing humidity	5% to 95%	5% to 95%	5% to 95%	5% to 95%	10% to 90%