Gigabit Ethernet Switch

DIGITUS®

											
Part number	DN-652120	DN-651118	DN-651120	DN-651134	DN-651135	DN-651119	DN-651121	DN-651136	DN-652137	DN-651129	DN-651138
Product Name	Industrial PoE Ethernet switch with 2-Port 10/100/1000Mbps RJ45 (PoE) + 1 Port 1000 Mbps SFP	Industrial 5-Port Gigabit Switch DIN rail, extended temp. Range	Industrial 4-Port Gigabit PoE Switch + 1 uplink DIN rail, extended temp. range	4-port 10/100/1000BASE TX+ 1000Base-FX Industrial Ethernet Switch	4-port 10/100/1000BASE TX+ 1000Base-FX Industrial Ethernet Switch	Industrial 8-Port Gigabit Switch DIN rail, extended temp. Range	Industrial 8-Port Gigabit PoE Switch DIN rail, extended temp. Range	8-port 10/100/1000BASE-TX +1000Base-FX Industrial Ethernet Switch	8-Port 10/100/1000BASE-TX+ 1-Port 1000 Base-FX Industrial PoE Switch	8-port 10/100/1000 BASE-TX+1000 Base-FX Industrial Ethernet Switch	16-port 10/100/1000 BASE-TX +2G SFP Industrial Ethernet Switch
Number of ports	2 Port	4 Port	4 Port	4 Port	4 Port	8 Port	8 Port	8 Port	8 Port	16 Port	16 Port
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	10/100/1000 Mbit
Number of ports (Uplink)	1 Port	1 Port	1 Port	1 Port	1 Port	⊗	⊗	1 Port	1 Port	⊗	2 Port
Uplink port connection	SFP	RJ45	RJ45	SFP	SFP	⊗	⊗	SFP	SFP	⊗	SFP
Uplink port speed	1000 Mbit	1000 Mbit	1000 Mbit	1000 Mbit	1000 Mbit	⊗	⊗	1000 Mbit	1000 Mbit	⊗	1000 Mbit
PoE (Power over Ethernet)	✓	⊗	✓	⊗	✓	⊗	✓	⊗	✓	⊗	⊗
Number of PoE ports	2	⊗	4	⊗	4	⊗	8	⊗	8	⊗	⊗
Standard 802.3af (PoEType 1)	✓	⊗	✓	⊗	✓	⊗	✓	⊗	✓	⊗	⊗
Standard 802.3at (PoE Type 2)	✓	⊗	✓	⊗	✓	⊗	✓	⊗	✓	⊗	⊗
Standard 802.3bt (PoE Type 3)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Standard 802.3bt (PoE Type 4)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Total PoE Power budget (W)	60 W	⊗	120 W	⊗	120 W	⊗	240 W	⊗	240 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	DIN Rail
Automatic cable detection - Auto MDI / MDI-X function	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Supported standards: IEEE 802.3 10BaseT, IEEE 802.3u, 100 BaseTX, IEEE802.3ab 1000BaseTX	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Supported: IEEE802.3x Flow Control und Back Pressure	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Supported: Store and forward technology for optimized data transfer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Automatic speed and half/full duplex recognition/ adjustment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Backplane	14 Gbps	10 Gbps	10 Gbps	14 Gbps	14 Gbps	16 Gbps	16 Gbps	20 Gbps	20 Gbps	56 Gbps	56 Gbps
Size of MAC addresses Table	2 K	4 K	4 K	2K	2 K	4 K	4 K	8 K	8 K	8 K	8 K
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	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	48~57 V DC	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	12~52V DC	12~52 V DC
VLAN	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Removable terminal connection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Protection class	IP40	IP40	IP40	IP40	IP40	IP40	IP40	IP40	IP40	IP40	IP40
Outdoorsuitable	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Protection against vanadlism	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
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	-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%	5% to 95%