









Gigabit Ethernet 2 SFP Switches



								
Part number	DN-651146	DN-651147	DN-651148	DN-651149	DN-651150	DN-651151	DN-651152	DN-651153
Product Name	DIGITUS Industrial 8+2-Port Fast Ethernet Switch	DIGITUS Industrial 8+2-Port Fast Ethernet PoE Switch	DIGITUS Industrial 4+2-Port Gigabit Ethernet Switch	DIGITUS Industrial 4+2-Port Gigabit Ethernet PoE Switch	DIGITUS Industrial 8+2-Port Gigabit Ethernet Switch	DIGITUS Industrial 8+2-Port Gigabit Ethernet PoE Switch	DIGITUS Industrial 8+4-Port Gigabit Ethernet Switch	DIGITUS Industrial 8+4-Port Gigabit Ethernet PoE Switch
Number of ports	8 ports	8 ports	4 ports	4 ports	8 ports	8 ports	8 ports	8 ports
Ethernet speed	10/100 Mbit	10/100 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)	2 ports	2 ports	2 ports	2 ports	2 ports	2 ports	4 ports	4 ports
Uplink port connection	SFP	SFP	SFP	SFP	SFP	SFP	SFP	SFP
PoE (Power over Ethernet)	✗	✓	✗	✓	✗	✓	✗	✓
Number of PoE ports	0	8	0	4	0	8	0	8
Supports: 802.3af PoE Standard	✗	✓	✗	✓	✗	✓	✗	✓
Supports: 802.3at PoE Standard	✗	✓	✗	✓	✗	✓	✗	✓
Supports: 802.3bt PoE Standard	✗	✗	✗	✗	✗	✗	✗	✗
Total PoE Power budget (W)	✗	240 W	✗	120 W	✗	240 W	✗	240 W
Maximum Power	✗	30 W	✗	30 W	✗	30 W	✗	30 W
Managed	✗	✗	✗	✗	✗	✗	✗	✗
Recovery time	✗	✗	✗	✗	✗	✗	✗	✗
Dot1x/ LLDP/ IGMP/ ACL/ VLAN/ QING/ QOS	✗	✗	✗	✗	✗	✗	✗	✗
Multicast/ Security management	✗	✗	✗	✗	✗	✗	✗	✗
Redundancy backup	✗	✗	✗	✗	✗	✗	✗	✗
Monitoring and maintenance	✗	✗	✗	✗	✗	✗	✗	✗
Supports static routes	✗	✗	✗	✗	✗	✗	✗	✗
Administrative function	✗	✗	✗	✗	✗	✗	✗	✗
Industrial usage	✓	✓	✓	✓	✓	✓	✓	✗
Installation type	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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Part number	DN-651146	DN-651147	DN-651148	DN-651149	DN-651150	DN-651151	DN-651152	DN-651153
Supported standards: IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX	✓	✓	✓	✓	✓	✓	✓	✓
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	5,6 Gbps	5,6 Gbps	14 Gbps	14 Gbps	20 Gbps	20 Gbps	52 Gbps	52 Gbps
Size of MAC addresses Table	2K	2K	2K	2K	4K	4K	8K	8K
Packet Buffer Memory	1,2 Mbit	1,2 Mbit	1,2 Mbit	1,2 Mbit	2 Mbit	2 Mbit	4.1 Mbit	4.1 Mbit
Forwarding rate	32K	4,2 Mbps	10,5Mbps	10,5Mbps	15 Mbps	15 Mbps	38.7 Mbps	38.7 Mbps
Max. Frame Size	9000 byte	9000 byte	9000 byte	9000 byte	9000 byte	9000 byte	9000 byte	9000 byte
ESD protection	6 kV (DC)	6 kV (DC)	6 kV (DC)	6 kV (DC)	6 kV (DC)	6 kV (DC)	6 kV (DC)	6 kV (DC)
Surge protection	6 kV (DC)	6 kV (DC)	6 kV (DC)	6 kV (DC)	6 kV (DC)	6 kV (DC)	6 kV (DC)	6 kV (DC)
Short-circuit protection	IP40	IP40	IP40	IP40	IP40	IP40	IP40	IP40
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
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	12~48 V DC	48~57 V DC	12~48 V DC	48~57 V DC	12~48 V DC	12~48 V DC
Power Consumption	< 8 W	< 8 W	< 5 W	< 5 W	< 8 W	< 8 W	< 10 W	< 10 W
Removable terminal connection	✓	✓	✓	✓	✓	✓	✓	✓
Protection class	IP40	IP40	IP40	IP40	IP40	IP40	IP40	IP40
Outdoorsuitable	✗	✗	✗	✗	✗	✗	✗	✗
Protection against vandalism	✗	✗	✗	✗	✗	✗	✗	✗
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
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%
MTBF	300.000 h	300.000 h	300.000 h	300.000 h	300.000 h	300.000 h	300.000 h	300.000 h
Dimensions (L*W*H) mm	143.7 x 104 x 47.7mm	143.7 x 104 x 47.7mm	142.5 x 107.1 x 53.5mm	142.5 x 107.1 x 53.5mm	142.5 x 107.1 x 53.5mm	142.5 x 107.1 x 53mm	143,7 x 125 x 47,7mm	143,7 x 125 x 47,7 mm
Net Weight (Kgs)	0,6 kg	0,7 kg	0,53 kg	0,54 kg	0,6 kg	0.62 kg	0,7 kg	0.76 kg