Industrial L2 Gigabit Ethernet Switches

DIGITUS®

	DN-651154	DN-651155	DN-651156	DN-651157	DN-651158	DN-651159
Part number	DN-651154	DN-651155	DN-651156	DN-651157	DN-651158	DN-651159
Product Name	Industrial L2 Gigabit Ethernet Switch 4-Port GE RJ45 + 2-Port GE SFP Uplink	Industrial L2 Gigabit Ethernet Switch 4-Port GE RJ45 PoE + 2-Port GE SFP Uplink	Industrial L2 Gigabit Ethernet Switch 8-Port GE RJ45 + 2-Port GE SFP Uplink	Industrial L2 Gigabit Ethernet Switch 8-Port GE RJ45 PoE + 2-Port GE SFP Uplink	Industrial L2 Gigabit Ethernet Switch 16-Port GE RJ45 + 2-Port GE SFP Uplink	Industrial L2 Gigabit Ethernet Switch 16-Port GE RJ45 PoE + 2-Port GE SFP Uplink
Number of ports	4 Ports	4 Ports	8 Ports	8 Ports	16 Ports	16 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
Number of ports (Uplink)	2 Ports	2 Ports	2 Ports	2 Ports	2 Ports	2 Ports
Uplink port connection	SFP	SFP	SFP	SFP	SFP	SFP
Uplink port speed	1000 Mbit	1000 Mbit	1000 Mbit	1000 Mbit	1000 Mbit	1000 Mbit
PoE (Power over Ethernet)	⊗	⊘	⊗	⊘	⊗	⊘
Number of PoE ports	⊗	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	⊗	200 W	⊗	280 W
Maximum Power / Port (W)	⊗	30 W	⊗	30 W	⊗	30 W
Managed	⊘	⊘	⊘	⊘	⊘	⊘
Industrial usage	⊘	⊘	⊘	⊘	⊘	⊘
Installation type	DIN Rail	DIN Rail	DIN Rail	DIN Rail	DIN Rail	DIN Rail
Automatic cable detection - Auto MDI / MDI-X function	⊘	⊘	⊘	⊘	⊘	⊘

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Produktnummer	DN-651154	DN-651155	DN-651156	DN-651157	DN-651158	DN-651159
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	20 Gbps	20 Gbps	20 Gbps	20 Gbps	56 Gbps	56 Gbps
Size of MAC addresses Table	4K	4K	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
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	12~48 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
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
Suitable for non-condensing humidity	5% to 95%	5% to 95%	5% to 95%	5% to 95%	5% to 95%	5% to 95%