

ON-5716G-2F Datasheet

ON-5716G-2F

Product Model	Optech Network Solutions ON-5716G-2F
Product Type	16-Port Unmanaged Industrial Gigabit Ethernet Switch
Total Ports	16
Ethernet Ports	14 × Gigabit Ethernet
Fiber Ports	2 × Gigabit SFP slots
Fiber Standard	1000Base-FX via SFP modules
Ethernet Speed	10/100/1000 Mbps
Gigabit Full-Duplex Rate	2000 Mbps
SFP Full-Duplex Rate	2000 Mbps
Duplex Support	Full-duplex / Half-duplex
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z
Switching Capacity	32 Gbps
Forwarding Rate	23.8 Mpps @ 64-byte packets
MAC Address Table	8K entries
Data RAM Buffer	512 KB
Jumbo Frame	Up to 9 KB
Switching Method	Unmanaged switching
Power Input	12–56 VDC
Power Configuration	Multiple / redundant power inputs
Maximum Power Consumption	13 W
Power Protection	Overload current protection
Power Alarm	Supported
Alarm Relay Output	1A @ 24V DC
Terminal Block	6-pin removable terminal block
Terminal Block Functions	Redundant power inputs + alarm relay contact
Wire Range	0.34–2.5 mm ²
Grounding Point	Supported

ESD Protection	6 kV contact, 8 kV air
Surge Protection	2 kV
Enclosure	Rugged metal case
IP Rating	IP30
Mounting	DIN-Rail / Wall Mount
Operating Temperature	-40°C to +75°C
Operating Humidity	Up to 95% RH, non-condensing
Dimensions (L × W × H)	155 × 120 × 48 mm
Weight	536 g
Shock Resistance	IEC 60068-2-27
Freefall Resistance	IEC 60068-2-32
Vibration Resistance	IEC 60068-2-6
EMC/EMS	IEC 61000-4-2, IEC 61000-4-4, IEC 61000-4-5
MTBF	514,167 hours @ 50°C; 188,310 hours @ 75°C — source-referenced