

Product Highlights

Rugged, Hardened Design

Design to operate in wide temperature ranges, vibration, shock, allowing the switches to be deployed in enclosures or cabinets in outdoor locations

High Availability

Comprehensive network redundancy features with fast fault recovery, together with advanced security features provides industrial-grade reliability and protection

Flexible Options

Wide selection of port density, media and PoE provides customer with the flexibility to choose the right switch that best fits their requirement



DIS-300G Series Industrial Gigabit Managed Switches

Features

IP-30 Ingress Protection

Operating Temperature

• -40°to 75°C

Power source

- Redundant Dual Power Inputs
- Reverse Polarity Protection
- Overload Current Protection

Din-Rail and Wall mounting options

Ring Protection with < 20ms

Environmental Test

- Shock IEC 60068-2-27
- Freefall IEC 60068-2-32
- Vibration IEC 60068-2-6

Safety Certifications

- UL 60950-1
- CE/FCC

Fan-less design

The DIS-300G Series Industrial Gigabit Managed Switches are designed specifically to withstand wide temperature range, vibrations and shock. These rugged, yet easy to deploy, switches have superior environmental specification compared to those of commercial network switches. With its hardened design combined with high availability network features, these switches form vital parts of any network infrastructure facilitating the increasing demand for smart cities, city-wide surveillance and wireless connectivity.

With its comprehensive feature set, DIS-300G managed switches are easy to configure, partition and organise user's network and provide reliable and quality of service. The DIS-300G-8PSW and DIS-300G-14SPW switches are PoE switches which are compliant with both IEEE 802.3af and IEEE 802.3at PoE standards and delivering up to 30 watts power per port along with data on standard Ethernet cabling. These switches can be used to power any IEEE 802.3af/at compliant PoE PD devices, which eliminates the need for additional wiring. They also provide additional PoE power management features which can greatly reduce the deployment effort of planning PoE power budget.

Customers

The DIS-300G Series family of switches is ideal for customers looking for cost-effective and customisable networking solutions with redundancy and security, designed for industrial environments.

Application

- · Challenging environmental conditions
- · High-end network redundancy topologies
- High ambient temperatures

Market

- · Heavy industrial / factory automation
- Intelligent transport system (ITS) / railway applications
- City surveillance / smart cities



Deployment Scenario





DIS-300G Series Industrial Gigabit Managed Switches

| Technical Specifications | DIS-300G-12SW | DIS-300G-8PSW | DIS-300G-14PSW | |
|---------------------------------------|---|---|---|--|
| Ethernet | | | | |
| Ethernet Interfaces | 8 x 100/1000BaseT ports 4 x 100/1000BaseSFP slots | 4 x 100/1000BaseT PoE ports 2 x 100/1000BaseT ports 2 x 100/1000BaseSFP slots | 8 x 100/1000BaseT PoE ports 2 x 100/1000BaseT ports 4 x 100/1000BaseSFP slots | |
| Operating Mode | Store and forward, L2 wire-speed/non-blocking switching engine | | | |
| MAC Addresses | 8K | | | |
| Jumbo Frames | 9K Bytes | | | |
| Copper RJ45 Ports | | | | |
| Speed | 10/100/1000 Mbps | | | |
| MDI/MDIX Auto-Crossover | Support straight or cross wired cables | | | |
| Auto-Negotiating | 10/100/1000 Mbps speed auto-negotiation; Full and half duplex | | | |
| PoE | | | | |
| PoE Standartd | 802.3af, 802.3at, 60W (DIS-300G-14PSW port 1 and 2 only) | | | |
| PoE Power Budget | | 120 W | 240 W | |
| SFP/SFP+ (pluggable) Ports | | | | |
| Port Types Supported | SFP (pluggable) Ports 100/1000BaseSFP slot Support 100FX SFP transceiver Support 100/1000BaseT SFP transceiver | | | |
| Fibre Port Connector | LC typically for fibre (depends on module) | | | |
| Optimal Fibre Cable | Typical 50 or 62.5/125 μm for multimode (mm); Typical 8 or 9/125 μm for single mode (sm) | | | |
| Network Redundancy | | | | |
| Fast Failover Protection Rings | Link loss recovery < 20ms Support Single & Multiple rings; Ring coupling; Dual-homing; Chain | | | |
| Spanning Tree Protocol | IEEE 802.1D STP, IEEE 802.1w RSTP, IEEE 802.1s MSTP | | | |
| IEEE 802.3ad Port Trunk with LACP | Static trun | or Dynamic via LACP (Link Aggregation Cont | rol Protocol) | |
| Bridge, Virtual Local Area Networks (| VLANs) & Protocols | | | |
| Flow Control | IEEE 802.3x (Full Duplex) and Back-Pressure(Half Duplex) | | | |
| Max VLANs | 256 | 256 1024 | | |
| VLAN Types | Port-based VLANs; MAC-based VLANs; IP Subnet-based VLANs Protocol-based VLANs. IEEE 802.1Q tag-based VLANs RADIUS-assigned VLAN IEEE 802.1ad Double Tagging (Q in Q) | | | |
| Multicast Protocols | IGMP v1, v2 with up to 255 multicast groups IGMP snooping and querying Immediate leave and leave proxy Throttling and filtering | | | |
| LLDP | | EEE 802.1ab Link layer Discovery Protocol (LLD | P) | |
| Traffic management & QoS | | | | |
| Priority | IEEE 802.1p QoS | | | |
| Number of Queues per Port | 8 | | | |
| Scheduling Schemes | SPQ, WRR | | | |
| Traffic Shaper | port-based shaping | | | |
| RADIUS QoS | | RADIUS-assigned QoS Class | | |
| Security | | | | |
| Port Security | IP and MAC-based access control IEEE 802.1X authentication Network Access Control Authentication via local database, RADIUS or TACACS+ AAA (Authentication, Accounting and Authorization) | | | |
| Storm Control | Multicast/Broadcast/Flooding Storm Control | | | |



DIS-300G Series Industrial Gigabit Managed Switches

| Macagement Interfaces Industriability CLI (comma dine interfaces) SMMP 11, 32, 53 MP 11, 32, 55 MP 11 | Technical Specifications | DIS-300G-12SW | DIS-300G-8PSW | DIS-300G-14PSW |
|--|-------------------------------|--|--|-----------------------------|
| User Management Interfaces WBF based Management SMMP 1, 2c, 33 Tehns IS socials Management Security Based Telescone Upgrade & Restore Sign 2 Dagnostic Sign 2 Dagnostic Sign 2 Dagnostic Sign 2 MRS REC 1757 RMON 1, 23, 08 RF 2/37.42 And Manoring Etherret Copper connection diagnostic tool Sign 2 MBS REC 1757 RMON 1, 23, 08 RF 2/37.42 And MBR FC 1213 BMB, RFC 1423 Brdge MB, RFC 2233 F MB DPCP Cienct. Sever, Rely, Snooping, Option 3 System Statu Device info/status; REHer-ret port status Port Phot Sote 2 System Statu Device info/status; REHer ret port status; PGE tatus Port Phot Sote 2 Revere Protection Sote 2 Revere Rover Protection Yes Revere Rover Protection Yes Revere Rover Supplies DIS HB0.24, | Management | | | |
| Management seturny Get Client for Management Upgrade & Restore FTP for Curringuation inport/Export, FTP for Firmware Upgrade Dagnostic Systog Per VLAN minoring Per VLAN minoring Mills REC1757 RMON 12.3.9.187 ∠23-42 bridge Mills RFC-1213 Mills RFC-123 Mills RFC 2233 IF Mills DHCP Client, Server, Relay, Snooping, Option 82 NTP/SMTP Ver System Situ 0 Device info/status; Ethernet port status Power format Scheduling; power control: PoE PD power consumption Power format Scheduling; power control: PoE PD power consumption Power forsumption Mas. 17W Kessee Space Spa | User Management Interfaces | WEB-based Management SNMP v1, v2c, v3 | | |
| Disgnostic Syklog Pet VLA Narioning Ethermet Copper connection diagnostic tool SPP with DMC Monitoring) MBS RFC 1757 RMON 1.2.3;9, RFC 2674 Q-8ndge MIB RFC-1213 MIB-IL RFC-1493 Bridge MIB RFC 2233 IF MIB DHCP Control Spectra Sp | Management Security | | | |
| Diagnostic Per-VLN minoring SFP with DOM (Digital Diagnostic tool SFP with DOM (Digital Diagnostic Monitorial). Mills RFC 1757 RMON 1,2,3; RF C3P4 24 Profession Mills+; RFC-1432 Bridge Mills; PFC-1432 Bri | Upgrade & Restore | | | |
| DHCP Client, Server, Relay, Snooping, Option 82 NTF/SNP Yes System Status Device info/status; Ethernet port status Device info/status; Ethernet port status; PDE status Power Input Scheduling; power control; POE PD power consumption Power Input Redundant Input Terminals Input Voltage Range 12-58 VDC 48-58 VDC (54-58V VDC for IEEE802.3at POE/PSE application) Reverse Power Protection Yes Transient Protection Yes Transient Protection Yes Opewer Consumption Max. 17W Max. 56W with 2400 VPE power delivered Compatible Power Supplies DIS-H20-34, DIS-H40-34, DIS-H20-34, DIS-H20-34, DIS-H20-34, DIS-H20-3 | Diagnostic | Per VLAN mirroring Ethernet Copper connection diagnostic tool | | |
| NTP/SNTPYesSystem StatusDevice info/status; Ethernet port statusDevice info/status; Ethernet port status; PoE statusPoE ManagementCerdealing; power control; PoE PD power consumptionPowerRedundant Input TerminalsInput Voltage Range12-58 VDC48-58 VDC (54–58 VDC for IEEE802.3at PoE/PSE application)Reverse Power ProtectionVesPower ConsumptionMax. 17WMax. 14W without PD connected Max 265W with 2400 MPSE power deliveredPower ConsumptionMax. 17WMax. 14W without PD connected Max 265W with 2400 MPSE power deliveredCompatible Power SuppliesDIS-H30-24, DIS-H40-24, DIS-H240-48, DIS-H480-48DIS-H30-24, DIS-H40-24, DIS-H30-24, DIS-H40-48, DIS-H480-48IndicatorsIndication of power input statusEntertPower StatusDIS-H30-24, DIS-H40-24, DIS-H30-24, DIS-H480-48DIS-H30-24, DIS-H40-24, DIS-H30-24, DIS-H480-48IndicatorsIndication of power input statusPower StatusDIS-H30-24, DIS-H40-24, DIS-H30-48, DIS-H480-48DIS-H30-24, DIS-H30-24, DIS-H40-48, DIS-H480-48IndicatorsIndication of Poe Power applying System AlarmIndication of Poe Power applying Indication of Poe Power applying System AlarmPose StatusCompatible PowerIndication of Poe Power applying Indication of Poe Power applying System AlarmAlarm NotificationCompatible PowerIndication of Poe Power applying Indication of Poe Power applying System AlarmDystem Range | MIBs | RFC 1757 RMON 1,2,3,9; RFC 2674 Q-Bridge MIB RFC-1213 MIB-II; RFC-1493 Bridge MIB; RFC 2233 IF MIB | | |
| System StatusDevice info/status; Ethernet port statusDevice info/status; Ethernet port status; PoE statusPoE ManagementScheduling: power control; PoE PD power consumptionPowerRedundant Input TerminalsInput Voltage Range12.58 VDCAperse Power ProtectionYesReserve Power ProtectionYesPower ConsumptionMax, 17WPower ConsumptionMax, 17WPower ConsumptionMax, 17WPower ConsumptionMax, 17WPower ConsumptionDIS H30-24, DIS H40-24, DIS H30-24, DIS | DHCP | Client, Server, Relay, Snooping, Option 82 | | |
| PoE Management Scheduling: power control: POE PD power consumption Power Redundant Input Terminals Input Voltage Range 12-58 VDC 48-58 VDC (54-58V VDC for IEE802.3at P6E/PSE application) Reverse Power Protection Yes Yes Transient Protection > 15,000 watts peak Power Consumption Power Consumption Max. 17W Max. 24 WW Without PD connected Max. 26 SW WIth 24W PS Epower delivered Compatible Power Supplies DIS-H30-24, DIS-H60-24, DIS-H240-48, DIS-N480-48 DIS-N240-48, DIS-N480-48 Indicators Indication of power input status Ethernet Port Link & Speed Power Status Indication of Poe Power applying Indication of PoE Power applying Indication of PoE Power applying Alarm Relay Output Relay output with current carrying capacity of 0.5A @ 24 VDC Alarm Notification Compatibut (Non-Condensing) Yes to the status Yes to the status Yes to the status Environmental and Compliance -40 to +75°C Store Fail Yes to the status Environmental and Compliance Yes to the status Yes to the status Yes to the status Storage Tempenature Range -40 to +85 °C | NTP/SNTP | Yes | | |
| Power input Redundant Input Terminals Input Voltage Range 12.58 VDC 48-58 VDC (54-58 VVDC for IEEE802.3at POE/PSE application) Reverse Power Protection Yes Yes Transient Protection >> 15,000 wits peak Max. 14W without PD connected Max 26SW with 24GW PSE power delivered Power Consumption Max. 17W Max. 14W without PD connected Max 26SW with 24GW PSE power delivered Compatible Power Supplies DIS-H30-24, DIS-H40-24, DIS-H40-24, DIS-H480-48 DIS-H240-48, DIS-H480-48 Indicators Indication of power input status Indication of PoePower applying Indication of POE Power applying Power Status Indication of PDE Power applying Indication of POE Power applying Indication of POE Power applying System Alarm Profile-defined System Alarm Power Status Indication of POE Power applying Alarm Notification Configurable alarm profile to enable Alarm LED, Alarm Teas Status Indication of POE Power applying Operating Temperature Range -40 to +75°C Storage Temperature Range -40 to +75°C Storage Temperature Range -40 to +85°C -40 to +85°C -40 to +85°C Humidity (Non-Condensing) Vibration: IEC600 | System Status | Device info/status; Ethernet port status | Device info/status; Ether | net port status; PoE status |
| Power InputIndexRedundant Input TerminalsInput Voltage Range12-58 VDC48-58 VDC (54-58V VDC for IEEE802.3at PoE/PSE application)Reverse Power ProtectionVesVesTransient ProtectionNax. 17WMax. 14W without PD connected Max. 25W with 240W PSE power deliveredPower ConsumptionMax. 17WMax. 14W without PD connected Max. 25W with 240W PSE power deliveredCompatible Power SuppliesDIS-H30-24, DIS-H60-24, DIS-N240-48, DIS-N240-48, DIS | PoE Management | | Scheduling; power control; | PoE PD power consumption |
| Input Voltage Range12-58 VDC48-58 VDC (54-58V VDC for IEEE802.3at PoE/PSE application)Reverse Power ProtectionYesTransient ProtectionNax. 17WPower ConsumptionMax. 17WMax. 265 W with 240W PSE power deliveredCompatible Power SuppliesDIS-H30-24, DIS-H60-24, DIS-H40-48, DIS-N240-48, DIS-N2 | Power | | | |
| Reverse Power Protection Yes Transient Protection > 15,000 watts peak Power Consumption Max. 17W Max. 14W without PD connected Max 26SW with 240W PSE power delivered Compatible Power Supplies DIS-H30-24, DIS-H40-24, DIS-H240-48, DIS-H480-48 DIS-N240-48, DIS-N480-48 Indicators Indication of power input status Indication of Power supplies Power Status Indication of Poe Power applying Indication of Poe Power applying System Alarm Indication of Poe Power applying Indication of Poe Power applying Alarm Natification Configurable alarm profile defined System Alarm Alarm Net Alarm Natification Configurable alarm profile to enable Alarm LED, Alarm relay & SNMP traps Environmental and Compliances Operating Temperature Range -40 to +75°C Storage Temperature Range -40 to +85 °C Humidity (Non-Configurable alarm profile Coordes-2-27; Free Fall: EC60068-2-32 Certification Compliance Uibration: IEC60068-2-27; Free Fall: EC60068-2-32 Certification Compliance Uibration: EC60068-2-27; Free Fall: EC60068-2-32 Certification Compliance Storage Temperature Range MSB -25 years Motestion Configurable and WEEE compliant -5 of smote -5 of smote MTBF | Power Input | Redundant Input Terminals | | |
| Tansient Protection>>15.000 watts peakPower ConsumptionMax. 17WMax. 14W without PD connected Max 25SW with 240W PSE power deliveredCompatible Power SuppliesDIS-H30-24, DIS-H60-24, DIS-N240-48, DIS-N480-48DIS-N240-48, DIS-N480-48IndicatorsIndication of power input statusPower StatusIndication of power input statusEthernet PortLink & SpeedPof EstatusIndication of PoE Power applyingIndication of PoE Power applyingSystem AlarnProfile-defined System AlarnAlarn Relay OutputRelay -utput with current carrying capacity of 0.5A \ge 24 VDCAlarn NotificationConfigurable alarn profile to enable Alarn LED, Alarn relay & SNMP trapsPoperature Range-40 to +75°CStorage Temperature Range-40 to +85°CHumidity (Non-Condensing)Vibration: IEC60068-2-27; Free Fall: IEC60068-2-37; Free Fall: | Input Voltage Range | 12-58 VDC | 48-58 VDC (54~58V VDC for IEEE802.3at PoE/PSE application) | |
| Power Consumption Max. 17W Max. 14W without PD connected Max. 265W with 240W PSE power delivered Compatible Power Supplies DIS+H30-24, DIS-H60-24, DIS-N240-48, DIS-N480-48 DIS-N240-48, DIS-N480-48 Indicators Indication of power input status Indications Power Status Indication of power input status Indication of PoE Power applying Poter Status Indication of PoE Power applying Indication of PoE Power applying System Alarm Profile-defined System Alarm Indication of PoE Power applying Alarm Netlogation Configurable alarm profile to enable Alarm LED, Alarm retay SNMP traps Alarm Notification Configurable alarm profile to enable Alarm LED, Alarm retay SNMP traps Operating Temperature Range -40 to +75°C Storage Temperature Range -40 to +85 °C Humidity (Non-Condensing) S to 95% RH Vibration: IECG0068-2-37; Free Fall: IECG0068-2-32 Certification Compliance Work Struee | Reverse Power Protection | Yes | | |
| Power ConsumptionMax 1/WMax 26SW with 240W PSE power deliveredCompatible Power SuppliesDIS-H30-24, DIS-H30-24, DIS-H40-24, DIS-N240-48, DIS-N240, DIS-N240-48, DIS-N | Transient Protection | > 15,000 watts peak | | |
| Compatible Power suppliesDIS-N240-48, DIS-N480-48DIS-N240-48, DIS-N480-48IndicatorsPower StatusIndication of power input statusEthemet PortIndication of PoeP ower applyingPoE StatusIndication of PoE Power applyingSystem AlarmIndication of PoE Power applyingSystem AlarmProfile-defined System AlarmAlarm Relay OutputRelay -utput with current carrying capacity of 0.5. → 24 VDCAlarm RotificationConfigurable Jurput with current carrying capacity of 0.5. → 24 VDCAlarm RotificationConfigurable Jurput with current carrying capacity of 0.5. NMP trapsPoperating Temperature Range-40 to 4.75°CStorage Temperature Range-40 to 4.55°CHumidity (Non-Condensing)Sto 95% RHVibration, Shock & FreefallVibration: Utbration: Ecoto68-2-27; Free FallVibration, Shock & FreefallVibration: Ecoto68-2-27; Free FallVibration, Shock & FreefallConfigurable Alarm LEQ Alarm Alarm LECMTBFCAds WEEEMTBF (Sto Free) and WEEE compliantMTBFIndecetor Alard Alard Alarm Alard Alarm Alard Alarm Alard Alarm Alard Alarm Alard Alarm Alard Alard Alarm Alard Alarm Alarm Alard Alarm Alarm Alard Alarm Alarm Alard Alarm Ala | Power Consumption | Max. 17W | | |
| Power StatusIndication of power input statusEthernet PortIndication of PoE Power applyingIndication of PoE Power applyingPoE StatusIndication of PoE Power applyingIndication of PoE Power applyingSystem AlarmIndication of PoE Power applyingIndication of PoE Power applyingSystem AlarmIndication of PoE Power applyingIndication of PoE Power applyingAlarmIndication of PoE Power applyingIndication of PoE Power applyingAlarm Relay OutputIndication of O.S. (2 4 VDCAlarm NotificationConfigurabia with current carrying capacity of 0.S. (2 4 VDCAlarm NotificationConfigurabia with current carrying capacity of 0.S. (2 4 VDCAlarm NotificationConfigurabia with current carrying capacity of 0.S. (2 4 VDCAlarm NotificationConfigurabia with current carrying capacity of 0.S. (2 4 VDCAlarm NotificationConfigurabia with current carrying capacity of 0.S. (2 4 VDCAlarm NotificationConfigurabia with current carrying capacity of 0.S. (2 4 VDCAlarm NotificationConfigurabia with current carrying capacity of 0.S. (2 4 VDCAlarm NotificationConfigurabia with current carrying capacity of 0.S. (2 4 VDCAlarm NotificationConfigurabia with current carrying capacity of 0.S. (2 4 VDCAlarm NotificationSto 95% RHVibration, Shock & FreefallVibration: Itic Scoo68-2-2; Shock: IEC60068-2-2; Free Fall: IEC60068-2-3; -4, -5, -5EMCFCC Part 15: EN 61000-6-2; EN 61000-6-4; EN 61000-4-2; -3; -4, -5, -5RoHS & WEEERoHS (Pb free) and WEEE compliantMTBFSto 95% RH <td>Compatible Power Supplies</td> <td></td> <td colspan="2"></td> | Compatible Power Supplies | | | |
| Ethernet PortLink & SpeedPoE StatusIndication of PoE Power applyingIndication of PoE Power applyingSystem AlarmProfile-defined System AlarmAlarmRelay OutputRelay output with current carrying capacity of $0.5A \otimes 24$ VDCAlarm NotificationConfigurable alarm profile to enable Alarm LED, Alarm relay SNMP trapsEnvironmental and Compliances-40 to +75°COperating Temperature Range-40 to +75°COperating Temperature Range-40 to +85 °CHumidity (Non-Condensing)5 to 95% RHVibration, Shock & FreefallVibration: IEC60068-2-6; Shock: IEC60068-2-3; Free Fall: IEC60068-2-32Certification ComplianceUL 60950-1, CE, FCCEMCFCC Part 15, EN 61000-6-2, EN 61000-4-2, -3, -4, -5, -6RoHS & WEEERoHS (Pb free) and WEEE compliantMTBF> 25 yearsMechanicalIP30Dimensions61 x 154 x 109 mmWeight1.086 kgNotek kg1.308 kgNeight1.41 kg | Indicators | | | |
| PoE StatusIndication of PoE Power applyingIndication of PoE Power applyingSystem AlarmProfile-defined System AlarmAlarmNote that the current carrying capacity of 0.5A @ 24 VDCAlarm Relay OutputRelay output with current carrying capacity of 0.5A @ 24 VDCAlarm NotificationConfigurable alarm profile to enable Alarm LED, Alarm relay & SNMP trapsEnvironmental and Compliances-40 to +75°CCoperating Temperature Range-40 to +85°CHumidity (Non-Condensing)S to 95% RHVibration, Shock & FreefallVibration: IEC60068-2-6; Shock: IEC60068-2-3; Free Fall: IEC60068-2-32Certification ComplianceUL 60950-1, CE, FCCEMCFCC Part 15, EN 61000-6-2, EN 61000-6-4, EN 61000-4-2, -3, -4, -5, -6RoHS & WEEERoHS (Pb free) and WEEE compliantMTBF>25 yearsMechanicalIP30Dimensions61 x 154 x 109 mmWeight1.086 kgNeight1.086 kgNeight1.41 kg | Power Status | Indication of power input status | | |
| System AlarmProfile-defined System AlarmAlarmAlarm Relay OutputRelay output with current carrying capacity of 0.5A @ 24 VDCAlarm NotificationConfigurable alarm profile to enable Alarm LED, Alarm relay & SNMP trapsEnvironmental and CompliancesOperating Temperature Range-40 to +75°CStorage Temperature Range-40 to +85 °CHumidity (Non-Condensing)S to 95% RHVibration, Shock & FreefallVibration: IEC60068-2-6; Shock: IEC60068-2-27; Free Fall: IEC60068-2-32Certification ComplianceUL 60950-1, CE, FCCEMCFCC Part 15, EN 61000-6-2, EN 61000-4-2, -3, -4, -5, -6RoHS & WEEERoHS (Pb free) and WEEE compliantMTBF>25 yearsMechanicalIP30Dimensions61 x 154 x 109 mmWeight1.086 kg1.308 kg1.41 kg | Ethernet Port | Link & Speed | | |
| AlarmAlarm Relay OutputRelay output with current carrying capacity of 0.5A @ 24 VDCAlarm Relay OutputConfigurable alarm profile to enable Alarm LED, Alarm relay & SNMP trapsEnvironmental and Compliances-40 to +75°COperating Temperature Range-40 to +75°CStorage Temperature Range-40 to +85 °CHumidity (Non-Condensing)5 to 95% RHVibration, Shock & FreefallVibration: IEC60068-2-6; Shock: IEC60068-2-27; Free Fall: IEC60068-2-32Certification ComplianceUL 60950-1, CE, FCCEMCFCC Part 15, EN 61000-6-2, EN 61000-6-2, and WEEE compliantMTBF>25 yearsMechanicalIpage S ProtectionIngress Protection61 x 154 x 109 mmWeight1.086 kg1.308 kg1.41 kg | PoE Status | Indication of PoE Power applying Indication of PoE Power applying | | |
| Alarm Relay OutputRelay output with current carrying capacity of 0.5A @ 24 VDCAlarm NotificationConfigurable alarm profile to enable Alarm LED, Alarm relay & SNMP trapsEnvironmental and Compliances-40 to +75°COperating Temperature Range-40 to +75°CStorage Temperature Range-40 to +85 °CHumidity (Non-Condensing)Sto 95% RHVibration, Shock & FreefallVibration: IEC60068-2-6; Shock: IEC60068-2-27; Free Fall: IEC60068-2-32Certification ComplianceUL 60950-1, CE, FCCEMCFCC Part 15, EN 61000-6-2, EN 61000-6-4, EN 61000-4-2, -3, -4, -5, -6RoHS & WEEERoHS (Pb free) and WEEE compliantMTBF25 yearsMechanicalIP30Dimensions61 x 154 x 109 mmWeight1.086 kg1.086 kg1.308 kg1.41 kg | System Alarm | Profile-defined System Alarm | | |
| Alarm NotificationConfigurable alarm profile to enable Alarm LED, Alarm relay & SNMP trapsEnvironmental and CompliancesOperating Temperature Range-40 to +75°CStorage Temperature Range-40 to +85 °CHumidity (Non-Condensing)5 to 95% RHVibration, Shock & FreefallVibration: IEC60068-2-6; Shock: IEC60068-2-32Certification ComplianceUL 60950-1, CE, FCCEMCFCC Part 15, EN 61000-6-2, EN 61000-6-4, EN 61000-4-2, -3, -4, -5, -6RoHS & WEEERoHS (Pb free) and WEEE compliantMTBF>25 yearsMechanicalIP30Dimensions61 x 154 x 109 mmWeight1.086 kg1.308 kg1.41 kg | Alarm | | | |
| Environmental and Compliances -40 to +75°C Operating Temperature Range -40 to +75°C Storage Temperature Range -40 to +85 °C Humidity (Non-Condensing) 5 to 95% RH Vibration, Shock & Freefall Otheration: IEC60068-2-6; Shock: IEC60068-2-3; Free Fall: IEC60068-2-32 Certification Compliance UL 60950-1, CE, FCC EMC FCC Part > EN 61000-6-2, EN 61000-6-4, EN 61000-4-2, -3, -4, -5, -5 RoHS & WEEE RoHS (Pb free) and WEEE compliant MTBF >25 years Mechanical 61 x 154 x 109 mm Dimensions 61 x 154 x 109 mm Yeight 1.086 kg 1.308 kg | Alarm Relay Output | Relay output with current carrying capacity of 0.5A @ 24 VDC | | |
| Operating Temperature Range 40 to +75°C Storage Temperature Range 40 to +85 °C Humidity (Non-Condensing) 5 to 95% RH Vibration, Shock & Freefall Control Contrecontrol Control Control Control Control Contrecontre | Alarm Notification | Configurable alarm profile to enable Alarm LED, Alarm relay & SNMP traps | | |
| Storage Temperature Range40 to +85 °CHumidity (Non-Condensing)5 to 95% RHVibration, Shock & FreefallVibration: IEC60068-2-6; Shock: IEC60068-2-27; Free Fall: IEC60068-2-32Certification ComplianceUL 60950-1, CE, FCCEMCFCC Part 15, EN 61000-6-2, EN 61000-6-4, EN 61000-4-2, -3, -4, -5, -6RoHS & WEEERoHS (Pb free) and WEEE compliantMTBF > 25 yearsMechanicalIP30Ingress Protection $61 \times 154 \times 109$ mmWeight1.086 kg1.086 kg1.308 kg1.308 kg1.41 kg | Environmental and Compliances | | | |
| Humidity (Non-Condensing) 5 to 95% RH Vibration, Shock & Freefall Vibration: IEC60068-2-6; Shock: IEC60068-2-32 Certification Compliance UL 60950-1, CE, FCC EMC FCC Part 15, EN 61000-6-2, EN 61000-6-4, EN 61000-4-2, -3, -4, -5, -6 RoHS & WEEE RoHS (Pb free) and WEEE compliant MTBF > 25 years Mechanical IP30 Dimensions 61 x 154 x 109 mm 1.086 kg 1.308 kg 1.41 kg | Operating Temperature Range | -40 to +75°C | | |
| Vibration, Shock & FreefallVibration: IEC60068-2-6; Shock: IEC60068-2-27; Free Fall: IEC60068-2-32Certification ComplianceUL 60950-1, CE, FCCEMCFCC Part 15, EN 61000-6-2, EN 61000-6-4, EN 61000-4-2, -3, -4, -5, -6RoHS & WEEERoHS (Pb free) and WEEE compliantMTBF>25 yearsMechanicalIP30Ingress Protection61 x 154 x 109 mmDimensions61 x 154 x 109 mmMeight1.086 kgIngress Ro1.308 kgIngress Ro1.41 kg | Storage Temperature Range | -40 to +85 °C | | |
| Certification Compliance UL 60950-1, CE, FCC EMC FCC Part 15, EN 61000-6-2, EN 61000-4-2, -3, -4, -5, -6 RoHS & WEEE RoHS (Pb free) and WEEE compliant MTBF > 25 years Mechanical IP30 Dimensions 61 x 154 x 109 mm 1.086 kg 1.308 kg | Humidity (Non-Condensing) | 5 to 95% RH | | |
| EMC FCC Part 15, EN 61000-6-2, EN 61000-4-2, -3, -4, -5, -6 RoHS & WEEE RoHS (Pb free) and WEEE compliant MTBF > 25 years Mechanical IP30 Dimensions 61 x 154 x 109 mm 77 x 128 mm Weight 1.086 kg 1.308 kg 1.41 kg | Vibration, Shock & Freefall | Vibration: IEC60068-2-6; Shock: IEC60068-2-27; Free Fall: IEC60068-2-32 | | |
| RoHS & WEEE RoHS (Pb free) and WEEE compliant MTBF >25 years Mechanical IP30 Dimensions 61 x 154 x 109 mm 77 x 154 x 128 mm Weight 1.086 kg 1.308 kg 1.41 kg | Certification Compliance | UL 60950-1, CE, FCC | | |
| MTBF >25 years Mechanical IP30 Ingress Protection 61 x 154 x 109 mm 77 x 128 mm Dimensions 61 x 154 x 109 mm 1.308 kg 1.41 kg | EMC | FCC Part 15, EN 61000-6-2, EN 61000-6-4, EN 61000-4-2, -3, -4, -5, -6 | | |
| Mechanical IP30 Ingress Protection IP30 Dimensions 61 x 154 x 109 mm Veight 1.086 kg 1.308 kg 1.41 kg | RoHS & WEEE | RoHS (Pb free) and WEEE compliant | | |
| Ingress Protection IP30 Dimensions 61 x 154 x 109 mm 77 x 154 x 128 mm Weight 1.086 kg 1.308 kg 1.41 kg | MTBF | > 25 years | | |
| Dimensions 61 x 154 x 109 mm 77 x 154 x 128 mm Weight 1.086 kg 1.308 kg 1.41 kg | Mechanical | | | |
| Weight 1.086 kg 1.308 kg 1.41 kg | Ingress Protection | | IP30 | |
| | Dimensions | 61 x 154 x 109 mm | 77 x 154 x 128 mm | |
| Installation Options DIN-Rail mounting, Wall mounting | Weight | 1.086 kg | 1.308 kg | 1.41 kg |
| | Installation Options | DIN-Rail mounting, Wall mounting | | |



| Accessories | | | |
|------------------|---|--|--|
| SFP Transceivers | | | |
| DIS-S301SX | 1-port Mini-GBIC SFP to 1000BaseSX Multi-Mode Fibre Transceiver • up to 550 m • -40~85°C operating temperature | | |
| DIS-S302SX | 1-port Mini-GBIC SFP to 1000BaseSX Multi-Mode Fibre Transceiver up to 2 km -40~85°C operating temperature | | |
| DIS-S310LX | 1-port Mini-GBIC SFP to 1000BaseLX Single-Mode Fibre Transceiver up to 10 km -40~85°C operating temperature | | |
| Power Supplies | | | |
| DIS-H30-24 | 30W 24VDC Ultra Slim DIN Rail PSU • Input: 85 ~ 264VAC • Output: 21.6 ~ 29V DC • Din rail TS-35/7.5 or 15 mountable • -30~70°C operating temperature | | |
| DIS-H60-24 | 60W 24VDC Ultra Slim DIN Rail PSU Input: 85 ~ 264VAC Output: 21.6 ~ 29V DC Din rail TS-35/7.5 or 15 mountable -30~70°C operating temperature | | |
| DIS-N240-48 | 240W 48VDC DIN Rail PSU • Input: 90 ~ 264VAC • Output: 48 ~ 55V DC • Din rail TS-35/7.5 or 15 mountable • -20~70°C operating temperature | | |
| DIS-N480-48 | 480W 48VDC DIN Rail PSU Input: 90 ~ 264VAC Output: 48 ~ 55V DC Din rail TS-35/7.5 or 15 mountable -20~70°C operating temperature | | |



For more information: www.dlink.com

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