## Product information
## BOBCAT - BRS40-00089999-SFCY99HHSEA07.0.

| Industrial Ethernet:Compact configurable managed switches:BOBCAT - Next Generation Compact Managed Switch:BOBCAT | |
|---|---|
| https://catalog.beldensolutions.com:443/link/57078-24455-49854-503664-503665/en/BRS40-00089999-SFCY99HHSEA07.0./uistate | |
| **Name** | **BOBCAT** |
| | Managed Industrial Switch for DIN Rail, fanless design, All Gigabit type. |
| **Delivery informations** | |
| Availability | available |
| **Product description** | |
| Description | Managed Industrial Switch for DIN Rail, fanless design, All Gigabit type. |
| Port type and quantity | 8 Ports in total: 8x 10/100/1000BASE TX / RJ45; |
| Type | BRS40-00089999-SFCY99HHSEA07.0. |
| Order No. | BRS40-00089999-SFCY99HHSEA07.0. |
| **More Interfaces** | |
| Digital Input | 1 x plug-in terminal block, 2-pin |
| Power supply/signaling contact | 1 x plug-in terminal block, 6-pin |
| Local Management and Device Replacement | USB-C |
| **Network size - length of cable** | |
| Twisted pair (TP) | 0 m ... 100 m |
| **Network size - cascadibility** | |
| Line - / star topology | any |
| **Power requirements** | |
| Operating voltage | 2 x 24 to 48 VDC and 24 VAC |
| **Software** | |
| Management | Dual Software Image Support; TFTP; SFTP; SCP; LLDP (802.1AB); LLDP-MED; SSHv2; HTTP; HTTPS; Traps; SNMP v1/v2/v3; Telnet |
| Diagnostics | Management Address Conflict Detection; MAC Notification; Signal Contact; Device Status Indication; TCPDump; LEDs; Syslog; Persistent Logging on ACA; Port Monitoring with Auto-Disable; Link Flap Detection; Overload Detection; Duplex Mismatch Detection; Link Speed and Duplex Monitoring; RMON (1,2,3,9); Port Mirroring 1:1; Port Mirroring 8:1; Port Mirroring N:1; System Information; Self-Tests on Cold Start; SFP Management; Configuration Check Dialog; Switch Dump |
| Configuration | Automatic Configuration Undo (roll-back); Configuration Fingerprint; Text-based Configuration File (XML); BOOTP/DHCP Client with Auto-Configuration; DHCP Server: per Port; DHCP Server: Pools per VLAN; AutoConfiguration Adapter ACA22-USB-C; HiDiscovery; DHCP Relay with Option 82; Command Line Interface (CLI); CLI Scripting; Full-featured MIB Support; Context-sensitive Help |
| Security | MAC-based Port Security; Port-based Access Control with 802.1X; Guest/unauthenticated VLAN; Integrated Authentication Server (IAS); RADIUS VLAN Assignment; Denial-of-Service Prevention; Access to Management restricted by VLAN; Device Security Indication; Audit Trail; CLI Logging; HTTPS Certificate Management; Restricted Management Access; Appropriate Use Banner; Configurable Password Policy; Configurable Number of Login Attempts; SNMP Logging; Multiple Privilege Levels; Local User Management; Remote Authentication via RADIUS; User Account Locking; |
| Redundancy functions | HIPER-Ring (Ring Switch); HIPER-Ring over Link Aggregation; Link Aggregation with LACP; Link Backup; Media Redundancy Protocol (MRP) (IEC62439-2); Redundant Network Coupling; RSTP 802.1D-2004 (IEC62439-1); RSTP Guards |
| Time synchronisation | Buffered Real Time Clock, SNTP Client, SNTP Server |
| Miscellaneous | Digital IO Management; Manual Cable Crossing; Port Power Down |
| Switching | Independent VLAN Learning; Fast Aging; Static Unicast/Multicast Address Entries; QoS / Port Prioritization (802.1D/p); TOS/DSCP Prioritization; Interface Trust Mode; CoS Queue Management; Flow Control (802.3X); Egress Interface Shaping; Ingress Storm Protection; Jumbo Frames; VLAN (802.1Q); GARP VLAN Registration Protocol (GVRP); Voice VLAN; GARP Multicast Registration Protocol (GMRP); IGMP Snooping/Querier per VLAN (v1/v2/v3); Unknown Multicast Filtering; Multiple VLAN Registration Protocol (MVRP); Multiple MAC Registration Protocol (MMRP); Multiple Registration Protocol (MRP) |
| **Ambient conditions** | |
| Operating temperature | 0 °C ... 60 °C |
| Storage/transport temperature | -40 °C ... 70 °C |
| Relative humidity (non-condensing) | 1 % ... 95 % |
| **Mechanical construction** | |
| Dimensions (W x H x D) | 73 mm x 138 mm x 115 mm |
| Mounting | DIN Rail |
| Weight | 500 g |
| Protection class | IP30 |
| Housing material | Plastic |
| **Mechanical stability** | |
| IEC 60068-2-27 shock | 15 g, 11 ms duration |

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| **IEC 60068-2-6 vibration** | 5 Hz ... 8,4 Hz with 3,5 mm amplitude; 2 Hz ... 13,2 Hz with 1 mm amplitude; 8,4 Hz ... 200 Hz with 1 g; 13,2 Hz ... 100 Hz with 0,7 g |
| **EMC interference immunity** | |
| **EN 61000-4-2 electrostatic discharge (ESD)** | 6 kV contact discharge, 8 kV air discharge |
| **EN 61000-4-3 electromagnetic field** | 10 V/m (80-2000 MHz); 5 V/m (2000-2700 MHz); 3 V/m (5100-6000 MHz) |
| **EN 61000-4-4 fast transients (burst)** | 2 kV power line, 2 kV data line |
| **EN 61000-4-5 surge voltage** | power line: 2 kV (line/earth), 1 kV (line/line), 2 kV data line |
| **EN 61000-4-6 conducted immunity** | 10 V (150 kHz-80 MHz) |
| **EMC emitted immunity** | |
| **FCC CFR47 Part 15** | FCC 47 CFR Part 15 Class A |
| **EN 55032** | EN 55032 Class A |
| **Approvals** | |
| **Basis Standard** | CE, FCC, EN61131, EN62368-1 |
| **Safety of industrial control equipment** | cUL61010 |
| **Scope of delivery and accessories** | |
| **Scope of delivery** | 1 × Device 1 × General safety instructions 1 × Terminal block for supply voltage and signal contact 1 × Terminal block for the digital input |
| **Accessories to order separately** | AutoConfiguration Adapter ACA22-USB-C (EEC) 942-239-001; 6-pin terminal block with screw lock (50 pieces) 943 845-013; 2-pin terminal block with screw lock (50 pieces) 943 845-009; Industrial HiVision Network Management Software 943 156-xxx |

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