



# HIRSCHMANN

A BELDEN BRAND

## Produktinformation BOBCAT - BRS20-0600S2S2-STCZ99HHSES07.0.

Industrial Ethernet: Kompakte konfigurierbare gemanagte Switches: BOBCAT - Kompakter Managed Switch der nächsten Generation: BOBCAT

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| Name                                    | BOBCAT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                         | Managed Industrial Switch for DIN Rail, fanless design, Fast Ethernet Type.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Lieferinformationen</b>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Lieferstatus                            | bestellbar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Produktbeschreibung</b>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Beschreibung                            | Managed Industrial Switch for DIN Rail, fanless design, Fast Ethernet Type.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Port-Typ und Anzahl                     | 6 Ports in total: 4x 10/100BASE TX / RJ45; 2x 100Mbit/s fiber; 1. Uplink: 1 x 100BASE-FX, SM-SC; 2. Uplink: 1 x 100BASE-FX, SM-SC                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Typ                                     | BRS20-0600S2S2-STCZ99HHSES07.0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Bestell-Nr.                             | BRS20-0600S2S2-STCZ99HHSES07.0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Weitere Schnittstellen</b>           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Digitaler Eingang                       | 1 x steckbarer Klemmblock, 2-polig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Versorgung/Meldekontakt                 | 1 x steckbarer Klemmblock, 6-polig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Local Management and Device Replacement | USB-C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Netzausdehnung-Leitungslängen</b>    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Twisted Pair (TP)                       | 0 m ... 100 m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Singlemode-Faser (SM) 9/125 µm          | 0 - 32.5 km, 16 dB Link Budget at 1300 nm, A = 0.4 dB/km, 3 dB reserve, D = 3.5 ps/(nm x km)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Netzausdehnung-Kaskadertiefe</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Linien-/Sternstruktur                   | beliebig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Versorgung</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Betriebsspannung                        | 2 x 12 to 24 VDC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Software</b>                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Management                              | Dual Software Image Support; TFTP; SFTP; SCP; LLDP (802.1AB); LLDP-MED; SSHv2; HTTP; HTTPS; Traps; SNMP v1/v2/v3; Telnet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Diagnose                                | 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                                                                                                                          |
| Konfiguration                           | 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                                                                                                                                                                                                                   |
| Sicherheit                              | 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;                                |
| Redundanzfunktionen                     | 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                                                                                                                                                                                                                                                                                                                                                                                |
| Zeitsynchronisation                     | Buffered Real Time Clock, SNTP Client, SNTP Server                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sonstiges                               | 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) |
| <b>Zulässige Umgebungsbedingungen</b>   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Betriebstemperatur                      | 0 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Lager-/Transporttemperatur              | -40 °C ... 70 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Rel. Luftfeuchte (nicht kondensierend)  | 1 % ... 95 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Konstruktiver Aufbau</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Abmessungen (B x H x T)                 | 57 mm x 138 mm x 115 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



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|                                               |                                                                                                                                                   |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Montage                                       | Hutschiene                                                                                                                                        |
| Gewicht                                       | 420 g                                                                                                                                             |
| Schutzart                                     | IP30                                                                                                                                              |
| Gehäusematerial                               | Plastic                                                                                                                                           |
| <b>Mechanische Stabilität</b>                 |                                                                                                                                                   |
| IEC 60068-2-27 Schock                         | 15 g, 11 ms Dauer                                                                                                                                 |
| 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            |
| <b>EMV-Störfestigkeit</b>                     |                                                                                                                                                   |
| EN 61000-4-2 Elektrostatische Entladung (ESD) | 6 kV Kontaktentladung, 8 kV Luftentladung                                                                                                         |
| EN 61000-4-3 Elektromagnetisches Feld         | 10 V/m (80-2000 MHz); 5 V/m (2000-2700 MHz); 3 V/m (5100-6000 MHz)                                                                                |
| EN 61000-4-4 Schnelle Transienten (Burst)     | 2 kV power line, 2 kV data line                                                                                                                   |
| EN 61000-4-5 Stoßspannungen (Surge)           | power line: 2 kV (line/earth), 1 kV (line/line), 2 kV data line                                                                                   |
| EN 61000-4-6 Leitungsgeführte Störspannungen  | 10 V (150 kHz-80 MHz)                                                                                                                             |
| <b>EMV-Störaussendung</b>                     |                                                                                                                                                   |
| FCC CFR47 Part 15                             | FCC 47 CFR Part 15 Class A                                                                                                                        |
| EN 55032                                      | EN 55032 Class A                                                                                                                                  |
| <b>Zulassungen</b>                            |                                                                                                                                                   |
| Basis Standard                                | CE, FCC, EN61131, EN62368-1                                                                                                                       |
| <b>Lieferumfang bzw. Zubehör</b>              |                                                                                                                                                   |
| Lieferumfang                                  | 1 × Gerät; 1 × Allgemeine Sicherheitshinweise; 1 × Klemmblock für Versorgungsspannung und Signalkontakt; 1 × Klemmblock für den digitalen Eingang |

Für weitere Informationen kontaktieren Sie bitte:

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