

Data sheet

CP 343S TCP/IP, Ethernet-CP 343 SPEED-Bus (343-1EX71)

Technical data

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| Order no. | 343-1EX71 |
| Type | CP 343S TCP/IP, Ethernet-CP 343 SPEED-Bus |
| General information | |
| Note | - |
| Features | SPEED-Bus RJ45 16 connections via Siemens NetPro 64 connections via user program 32 PG/OP connections |
| SPEED-Bus | yes |
| Current consumption/power loss | |
| Current consumption from backplane bus | 500 mA |
| Power loss | 2.5 W |
| Status information, alarms, diagnostics | |
| Status display | yes |
| Interrupts | no |
| Process alarm | no |
| Diagnostic interrupt | no |
| Diagnostic functions | no |
| Diagnostics information read-out | possible |
| Supply voltage display | green LED |
| Group error display | red SF LED |
| Channel error display | none |
| Ethernet communication CP | |
| Number of configurable connections, max. | 64 |
| Number of productive connections by Siemens NetPro, max. | 16 |
| S7 connections | USEND, URCV, BSEND, BRCV, GET, PUT, Connection of active and passive data handling |
| User data per S7 connection, max. | 32 KB |
| TCP-connections | SEND, RECEIVE, FETCH PASSIV, WRITE PASSIV, Connection of active and passive data handling |
| User data per TCP connection, max. | 64 KB |
| ISO-connections | SEND, RECEIVE, FETCH PASSIV, WRITE PASSIV, Connection of active and passive data handling |
| User data per ISO connection, max. | 8 KB |
| ISO on TCP connections (RFC 1006) | SEND, RECEIVE, FETCH PASSIV, WRITE PASSIV, Connection of active and passive data handling |
| User data per ISO on TCP connection, max. | 32 KB |
| UDP-connections | SEND and RECEIVE |
| User data per UDP connection, max. | 2 KB |
| UDP-multicast-connections | SEND and RECEIVE (max. 16 Multicast groups) |
| UDP-broadcast-connections | SEND |
| Functionality RJ45 interfaces | |
| Type | X1 |
| Type of interface | Ethernet 10/100 MBit |

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|---------------------------------|-------------------------|
| Connector | RJ45 |
| Electrically isolated | yes |
| PG/OP channel | yes |
| Number of connections, max. | 32 |
| Productive connections | yes |
| Housing | |
| Material | PPE |
| Mounting | DIN rail SPEED-Bus |
| Mechanical data | |
| Dimensions (WxHxD) | 40 mm x 125 mm x 120 mm |
| Net weight | 165 g |
| Weight including accessories | - |
| Gross weight | - |
| Environmental conditions | |
| Operating temperature | 0 °C to 60 °C |
| Storage temperature | -25 °C to 70 °C |
| Certifications | |
| UL certification | yes |
| KC certification | yes |