



CYT-133SC/ BF-51

Extended DIO Controller & Serial to TCP/ IP Media Converter

| Specification | CYT-133SC |
|-----------------------------------|--|
| CPU | 16 Bits, 100MHZ |
| Memory | 256KB Flash & 2MB SDRAM |
| Watchdog | System never halt |
| Ethernet Interface | 10/ 100 Base-T/Tx/, Automatic MSI/MDI-x port |
| Serial Interface | RS 232, RS 422, RS 485 |
| Connectors | DB9(MALE)/ RJ-45 |
| RS 232 | TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND |
| RS 422 | Tx+, Tx-, Rx+, Rx-, GND (1200M for the longest distance) |
| RS 485 | Data+, Data-, GND (1200M for the longest distance) |
| I/ O Control | 3 Input (short) Output Relay Mode (Maximum Voltage DC30V,1A) |
| TID Stablishes | — |
| Power | DC 9-24V, 500mA(9V) |
| Operating temperature | 0°C ~ 65°C |
| Surge Protection | Serial port 15KV ESD |
| Electromagnetic protection | Ethernet port 1.5KV |
| LED Indicator | 10 Power/ RXD/ TXD/ ACT/ IN1/ IN2/ IN3/ OUT 1/ OUT2/ OUT3 |
| Dimensions | 106.5 x 115 x 28 mm |
| Weight | 340 g. |

| Specification | BF-51 |
|-----------------------------------|--|
| CPU | — |
| Memory | — |
| Watchdog | — |
| Ethernet Interface | — |
| Serial Interface | RS 485 |
| Connectors | — |
| RS 232 | — |
| RS 422 | — |
| RS 485 | 485+, 485- |
| I/ O Control | Input : 3 digital input Terminal block for interworking Voltage overload protection : 70V (DC) Output : 3 digital output Terminal block for interworking Built-in Relay (Made in Japan) : 30V(DC), 1A |
| TID Stablishes | DIP switch setting (9 sets for the most) |
| Power | DC 9-24V, 1A |
| Operating temperature | 0°C ~ 65°C |
| Surge Protection | — |
| Electromagnetic protection | — |
| LED Indicator | 10 POWER/ ACTIVE/ RELAY 1/ RELAY 2/ RELAY 3/ TXD/ RXD/ IN 1/ IN 2/ IN |
| Dimensions | 106.5 x 100 x 26.5 mm |
| Weight | 140 g. |