



Tehničke karakteristike

| Features | | | | |
|--|--|---------------------------|---------------------------------|-----------------------|
| Order No. | CTH2 277-0AA32 | | | |
| Dimension (W×H×D) | 71.3×96×62mm | | | |
| Port number | 1 | | | |
| Electrical interface | Isolated RS485 | | | |
| I/O | 0 | | | |
| Maximum extension module number | 6 | | | |
| PROFIBUS-DP/MPI baud rate (auto setting) | 9.6、19.2、45.45、93.75、187.5 and 500Kbps; 1、1.5、3.6 and 12Mbps | | | |
| Protocol | PROFIBUS-DP slave device and MPI slave device | | | |
| LED | OFF | Red | Red indicator blink | Green |
| DX MODE | not on data exchange mode | -- | -- | on data exchange mode |
| DP ERROR | no fault | not on data exchange mode | parametric/configuration errors | -- |
| POWER | no power | -- | -- | normal |
| CPU FAULT | good | Module fault | -- | -- |
| Maximum cable length | | | | |
| Less than 93.75Kbps baud rate | 1200m | | | |
| 187.5Kbps baud rate | 1000m | | | |
| 500Kbps baud rate | 400m | | | |
| 1 ~ 1.5Mbps baud rate | 200m | | | |
| 3 ~ 12Mbps baud rate | 100m | | | |
| Network performance | | | | |
| Station address setting | 0~126 (setting by dial switch) | | | |
| Max station number per group | 32 | | | |

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| Max station number per network | 126、 up to 125 SM277 stations |
| MPI connect | Total 6 , 2 reservation (1 for PG, 1 for OP) |
| 24VDC power supply input | |
| Power range | 20.4 ~ 28.8VDC (2 category or PLC sensor power supply) |
| Power supply | 2.3W |
| Max current (activate the communication port) | 70mA |
| Ripple noise (< 10Mhz) | < 1V peak to peak value (max.) |

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| Features | |
| Order No. | CTH2 277-0AB32 |
| Dimension (W×H×D) | 71.3 × 96 × 62mm |
| Port number | 1 |
| Electrical interface | Isolated RS485 (500VAC) |
| PROFIBUS-DP baud rate (auto setting) | 9.6、 19.2、 45.45、 93.75、 187.5 and 500Kbps; 1、 1.5Mbps |
| Protocol | PROFIBUS-DP V0 slave device |
| IO | - |
| Expansion IO | |
| Max expansion module | 6 |
| Max smart module | - |
| Max I/O (mapping) | 256 (128 In/128 Out) |
| LED indicator | |
| ON (green) | light up when power on |
| SF (red) | If SM 277B check out error, or expansion IO module fault, indicator blink. |
| BF (red) | when do not DP exchange with master station, indicator blink. |
| Maximum cable length | |
| No more than 93.75Kbps baud rate | 1200m |
| 187.5Kbps baud rate | 1000m |
| 500Kbps baud rate | 400m |
| 1 ~ 1.5Mbps | 200m |
| Network performance | |
| Station address setting | 0~126 (setting by dial switch) |

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|---|---|
| Max station number per group | 32 |
| Max station number per network | 126, up to 125 SM277B station |
| 24VDC power supply input | |
| Power range | 20.4~28.8VDC (2 category or PLC sensor power supply) |
| Isolation | - |
| Power supply | 8W |
| Current output for sensor (24VDC) | |
| Power range | 20.4~28.8VDC (2 category or PLC sensor power supply) |
| 24V max current output | 400mA |
| Current output for expansion module (5VDC) | |
| 5V max current output | 660mA |

Dimenzije

| 型号 | | 单位mm |
|----------------|----------------|-----------------------|
| CTH2 221-1BH32 | CTH2 231-7PD32 | <p>正立面</p> <p>侧立面</p> |
| CTH2 222-1BH32 | CTH2 231-7PF32 | |
| CTH2 222-1HH32 | CTH2 231-7TF32 | |
| CTH2 223-1BH32 | CTH2 231-7TD32 | |
| CTH2 223-1PH32 | CTH2 231-7ND32 | |
| CTH2 231-0HC32 | CTH2 231-7NF32 | |
| CTH2 235-0KD32 | CTH2 231-7WA32 | |
| CTH2 231-0HF32 | CTH2 232-0HD32 | |
| CTH2 231-7HB32 | CTH2 277-0AA32 | |
| CTH2 231-7HC32 | CTH2 277-0AB32 | |
| CTH2 231-7PB32 | CTH2 253-1BH32 | |
| CTH2 231-7PC32 | | |

Šema spajanja

