

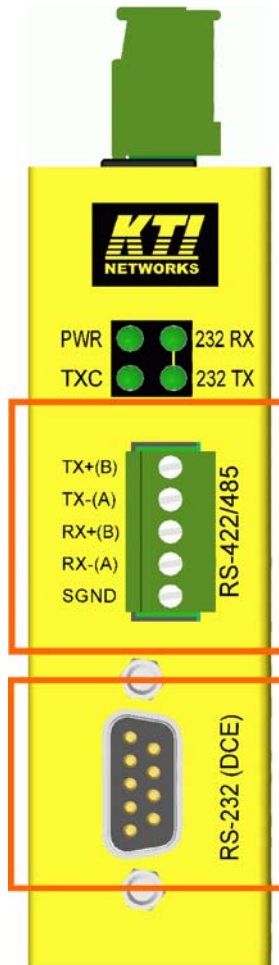
KSC-240

Industrial RS-232 to RS-485/422 Converter



KSC-240

Conversion Interfaces



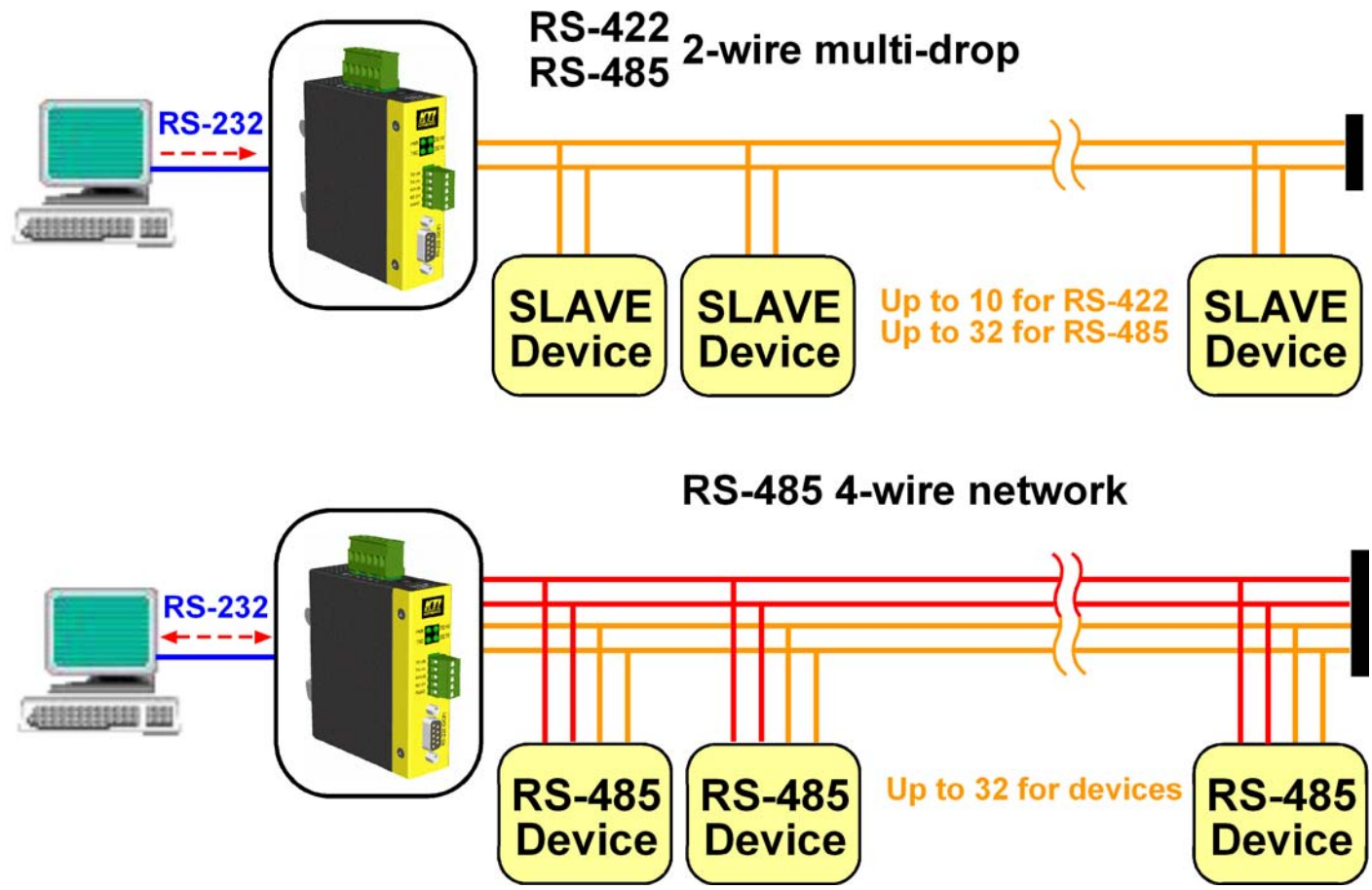
RS-485/422 Interface

- Screw-type terminal block
- 115 Kbps
- Supports network
 - RS-422 2-wire
 - RS-485 2-wire
 - RS-485 4-wire

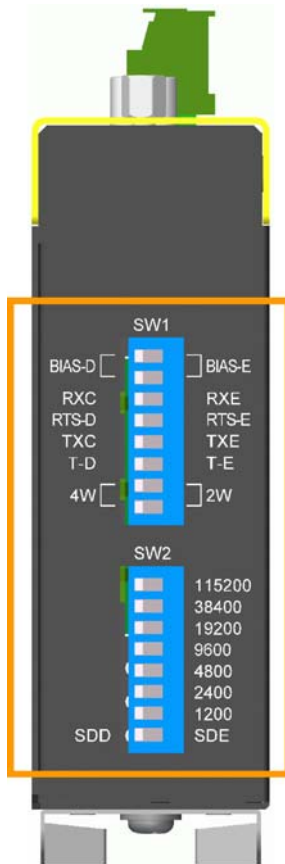
RS232 Interface

- DB9 female
- Up to 115 Kbps
- 15 meters for distance

Application: PC RS-232 to RS-422/485



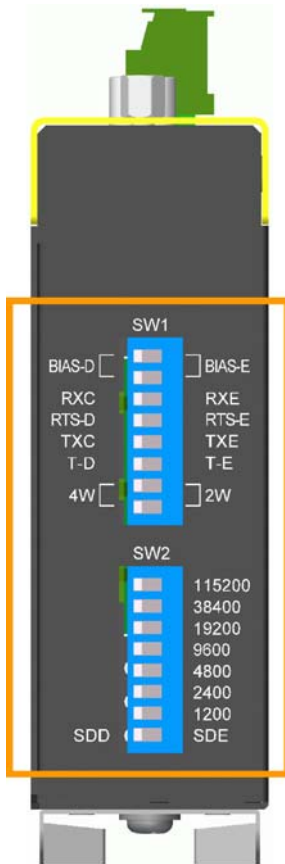
Advantage 1: Easy RS-422/485 Cabling



DIP SW settings for

- 2-wire or 4-wire interface selection
- Built-in bus line termination design
- Built-in bus line bias design

Advantage 2: Easy RS-422/485 Control



DIP SW settings for

- Master / slave selection in a multi-drop
- Line receiver control with 232 RTS signal
- Line driver control with KTI ADC design

Advantage 3: Protection & Isolation

Surge Protection

Transient over-voltage outside +/- 28V

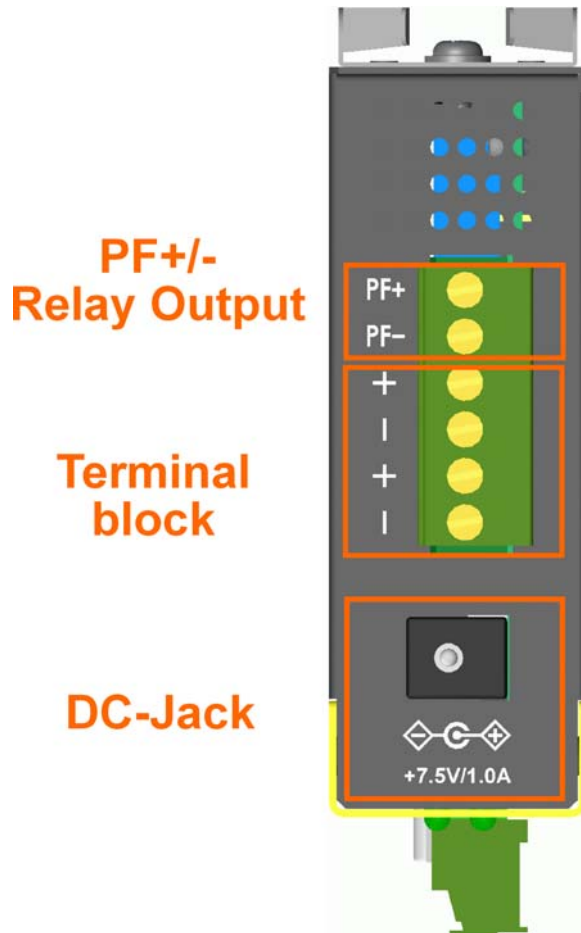
Line ESD Protection

+/- 15 KV

Optical Isolation

Isolation between RS-232 and RS-485/422
3000VDC max.

Benefit 1: Power Interfaces



Terminal block

Support industrial power system

Power Failure Relay Output

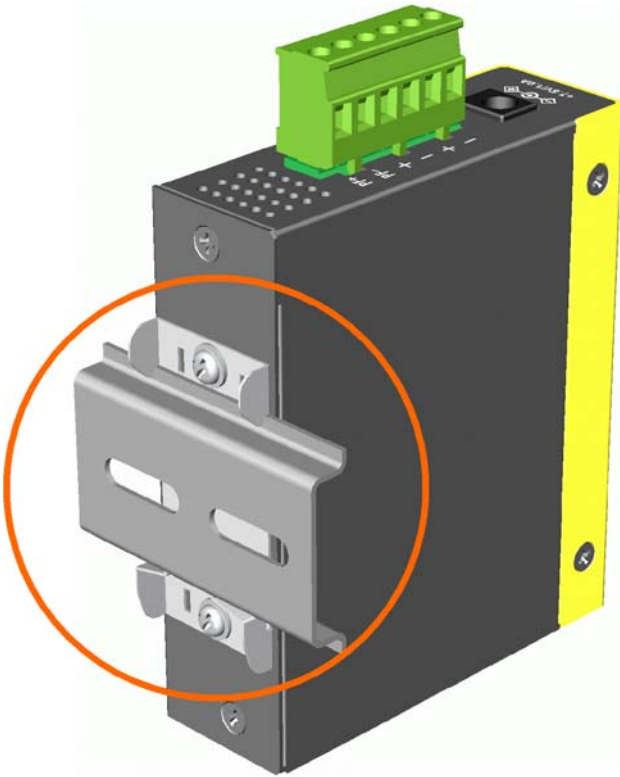
Support external monitoring system

DC-Jack

Support AC-DC adapter type power

Benefit 2: Industrial Mounting Support

Din-Rail Mounting



Panel Mounting



Benefit 3: Design for Critical Environment



- ✓ Wide operating temperature range
- ✓ Industrial-rated emission performance
- ✓ Industrial-rated immunity performance