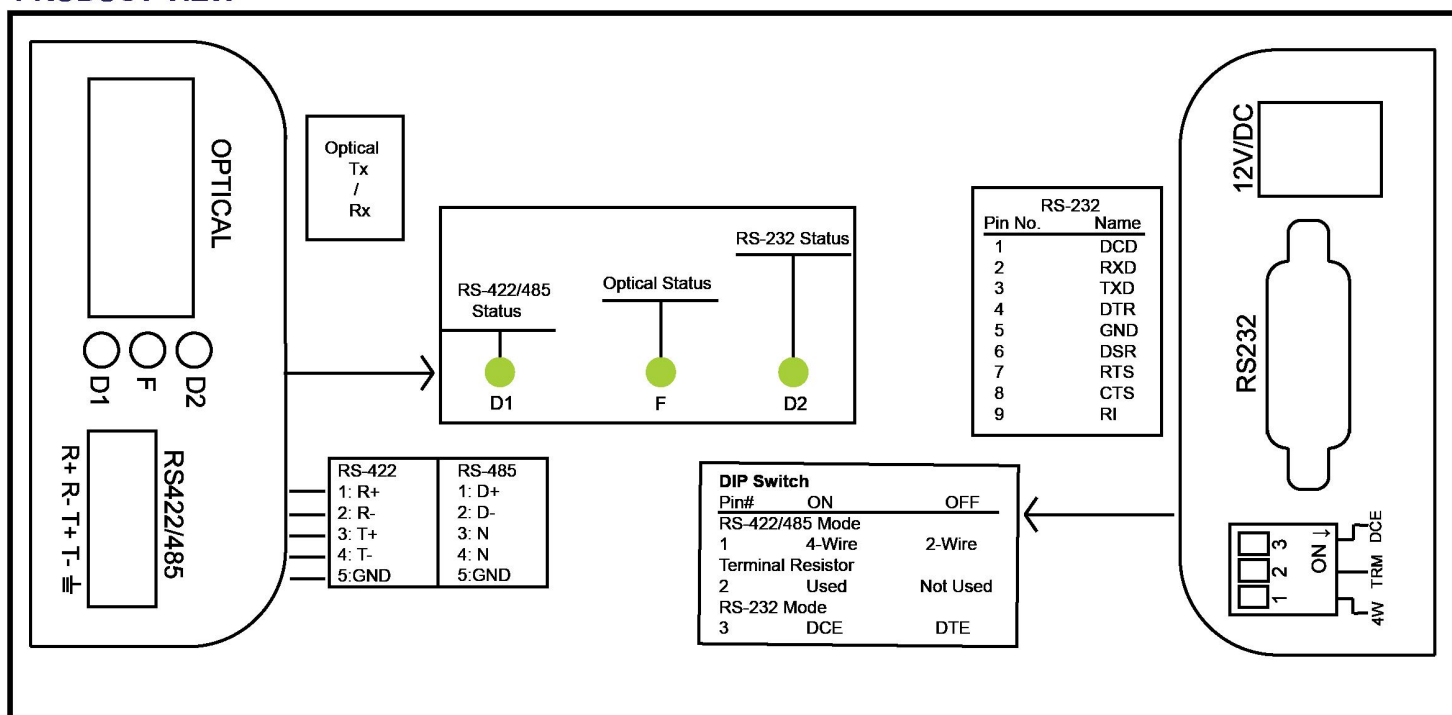


ODC -120A USER MANUAL

PRODUCT VIEW



INTERFACE DESCRIPTION

Optical Interface:

Tx: Optical transmit out.
Rx: Optical receiver in.

RS-422/485 Interface: The sequence of pin number is from left to right.

RS-422 Mode: (4 wire)

- Pin 1: Rx+, positive receiving data, input port.
- Pin 2: Rx-, negative receiving data, input port.
- Pin 3: Tx+, positive transmitting data, output port.
- Pin 4: Tx-, negative transmitting data, output port.
- Pin 5: GND, grounding.

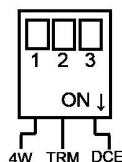
RS-485 Mode: (2 wire)

- Pin 1: D+, Positive data, bi-direction port.
- Pin 2: D-, Negative data, bi-direction port.
- Pin 3: No Used.
- Pin 4: No Used.
- Pin 5: GND, grounding.

RS-232 Interface: (Female DB-9 Connector)

- Pin 1: DCD, Data Carrier Detect
- Pin 2: RXD, Receiving Data
- Pin 3: TXD, Transmitting Data
- Pin 4: DTR, Data Terminal Ready
- Pin 5: GND, grounding
- Pin 6: DSR, Data Set Ready
- Pin 7: RTS, Request to send
- Pin 8: CTS, Clear to send
- Pin 9: RI, Ring Indicator

DIP SWITCH DESCRIPTION



Number	ON	OFF
1	RS-422 Mode, 4 Wire	RS-485 Mode, 2 wire
2	Termination Resistor Used	No Termination Resistor Used
3	RS-232 DCE Mode	RS-232 DTE Mode

LED DESCRIPTION

F : Optical Status

- Optical Receiving data OK. (Green Light)
- Optical Receiving data Fail. (Red Light)

D1: RS-422/485 Status

- RS-422/485 Channel Ready.
- RS-422/485 Channel Fail.
- Flash, RS-422/485 receiving data.

D2: RS-232 Status

- RS-232 Channel Ready.
- RS-232 Channel Fail.
- Flash, RS-232 receiving data.

POWER INPUT DESCRIPTION

12V/DC power adapters are applicable.

ORDERING INFORMATION

ODC - 120A - SM - SC - 2F

B3/B5-Single fiber
2F - Dual fiber

Optical Connector Type:

SC - SC type
ST - ST type
FC - FC type

Fiber Type:

SM - Single Mode Fiber
MM - Multimode Fiber