

Connector pin assignment CANopen Encoder with special baud rates

Wiring variants see back

Print clamps: 2-pole, grid spacing 5,08 mm, nominal cross-section 0,14-1,5 mm² (fixed or flexible), nominal voltage 250 V, rated current 16 A, AWG 26-16

X1 - screw clamp 2-pin

Pin 1 CAN_US
Pin 2 CAN_GND

X2 - screw clamp 2-pin

Pin 1 CAN_H
Pin 2 CAN_L

X3 - screw clamp 2-pin

Pin 1 screening
Pin 2 screening

X4 - screw clamp 2-pin

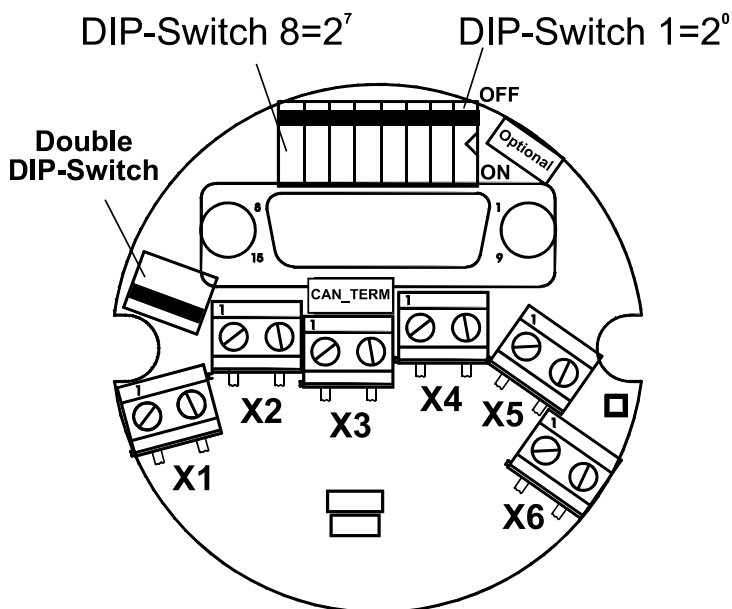
Pin 1 CAN_L
Pin 2 CAN_H

X5 - screw clamp 2-pin

Pin 1 CAN_GND
Pin 2 CAN_US

X6 - screw clamp 2-pin

Pin 1 US, supply voltage 11 - 27 V DC
Pin 2 GND, supply voltage 0 V



Identifier

DIP-switch 6 = identifier 2 ⁵	DIP-switch 5 = identifier 2 ⁴	DIP-switch 4 = identifier 2 ³	DIP-switch 3 = identifier 2 ²	DIP-switch 2 = identifier 2 ¹	DIP-switch 1 = identifier 2 ⁰	Encoder address = identifier
off	off	off	off	off	off	1
off	off	off	off	off	on	2
off	off	off	off	on	off	3
⋮	⋮	⋮	⋮	⋮	⋮	⋮
on	on	on	on	on	off	63
on	on	on	on	on	on	64

Baud rate

DIP-switch 8	DIP-switch 7	Baud rate
off	off	20 kbps
off	on	500 kbps
on	off	800 kbps
on	on	1 Mbps

CAN-TERMINATOR

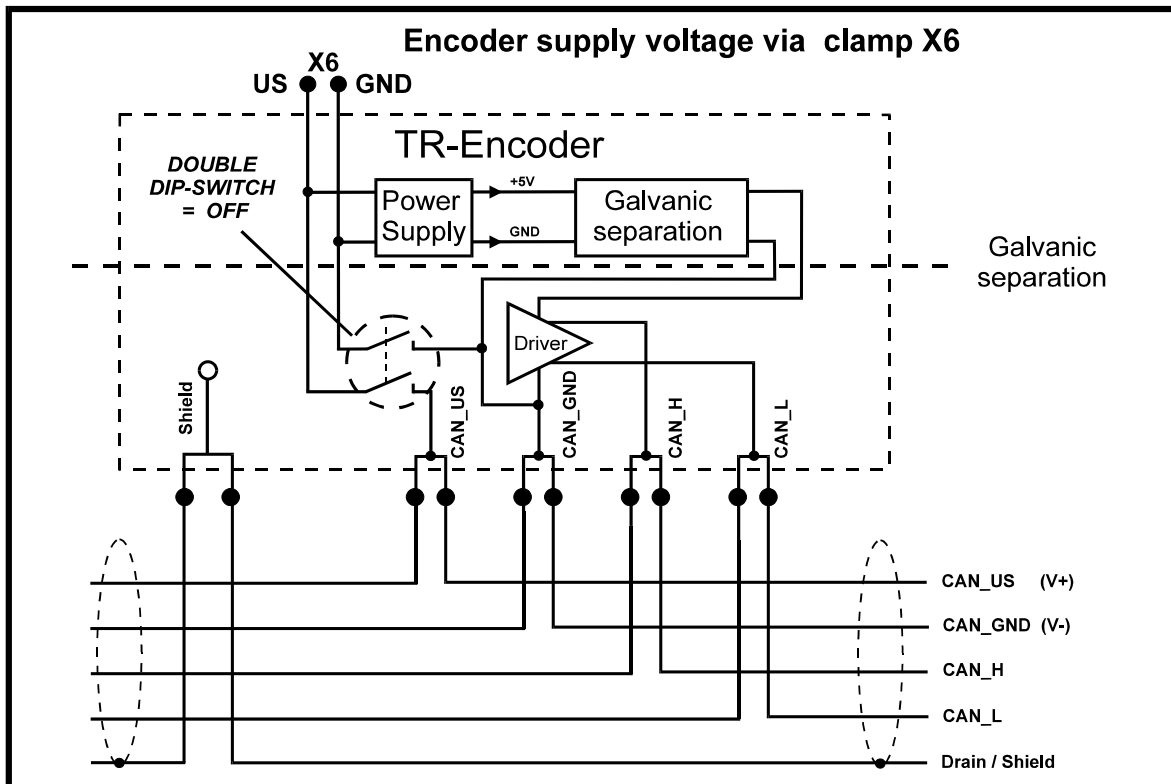
	TERMINATOR: ON	TERMINATOR: OFF
Terminating impedance	YES: 123 Ω between CAN_L and CAN_H	NO

Double DIP-Switch

on	without galvanic separation
off	galvanic separation

Wiring variants

1. Galvanic separation



2. Without galvanic separation

