



KX1 / KX3



Mechanical characteristics

PARAMETER	
Housing	Self-extinguishing plastic UL 94 v0
Mounting	Front panel
Dimensions	48 x 96 x 75.9 mm (w x H x P)
Panel cut-out	45 x 89 (-0... +0.6 mm)
Weight	About 160 g
Terminals	16 terminals for cables from 2.5 mm ² (AWG22.... AWG14): - on fixed or removable terminal block with screw terminals; - on terminal block with spring-load terminals
Protection degree	IP 65 mounted on the panel on the panel with gasket (IP20 for screw terminals) In conformity with En 60070-1 (internal use only)

How to order

Model
KX1 = Controller
KX1T = Controller+ timer
KX3 = Controller
KX3T = Controller+ timer
KX3P = Controller+ timer + programmer

Power supply
H = 100... 240 VAC
L = 24 VAC/DC

Analogue input + digital input Dh (standard)
C = J, K, R, S, T, PT100, PT 1000 (2 wires), mA, mV, V
E = J, K, R, S, T, NTC, PTC, mA, mV, V

Output 1
I = 4... 20 mA (**KX3 only**)
R = Relay SPST 4 A (resistive load)
O = VDC for SSR

Output 2
- = Not available
R = Relay SPST 2 A (resistive load)
O = VDC for SSR
M = Relay SPST 2 A (servomotor drive **KX3 only**)(*)

Output 3
- = Not available
R = Relay SPST 2 A (resistive load)
O = VDC for SSR
M = Relay SPST 2 A (servomotor drive **KX3 only**)(*)

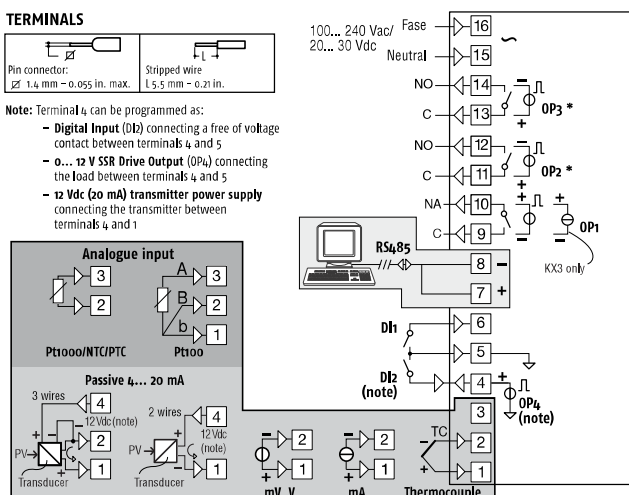
Input/Output 4
D = Output 4 (VDC for SSR)/Power transmitter/Dig. Input DI2

Serial communication
- = TTL Modbus
S = RS485 Modbus + TTL Modbus

Connection type
- = Standard (non-removable screw terminal block)
E = With removable screw terminal block
M = With removable spring terminal block
N = With removable terminal block (fixed part only)

*: For servomotor drive, both **OUT2** and **OUT3** codes must be selected as "M".

Electrical connections



*: For servomotor drive: **OUT2** = open, **OUT3** = close.

Dimensions (mm)

