XIAC-1

ANALOGUE - CONVERTER

The XIAC-1 analoque converter is an signal coupling device.

This device shows performance of signal coupling between 0 – 10 VDC analogue-control signal (e. g. from PLC-Computer) and an 1 – 10 VDC-interface of dimmable electronic ballasts for brightness regulating.

Analogue voltage output of PLC-computer-controller (0 – 10 VDC) regulary are not able to control an bigger quantity of such dimmable electronic ballasts in same time. The dim-interface (+/-) of such ballasts don´t work as voltage receiving interface, but in same time as current-sending source (= ca. 1 mA per unit).

By integrated switch and turning-knob (= HAND-mode) it is additionally possible to adjust the signal-output-level manually.

TECHNICAL SPECIFICATION:

Analogue-input:	0...10VDC (12VDC=max.)
Analogue-output:	1...10VDC (250mA max.)
Ambient temperature:	0...+50°C
Galvanic signal isolation:	No
Supply voltage:	Not needed

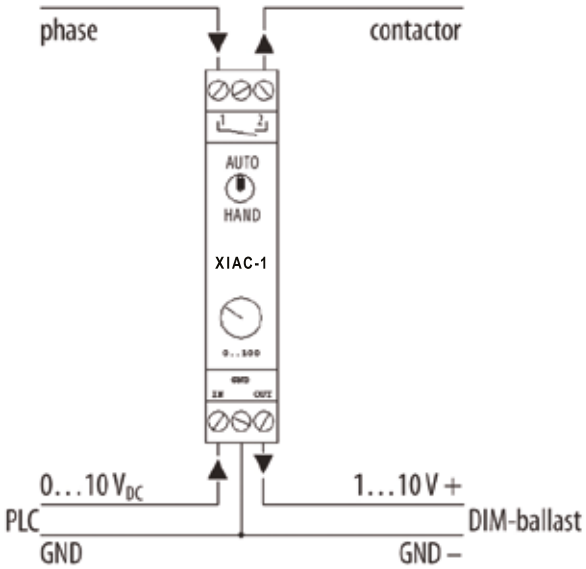
CHANGEOVER SWITCH:

AUTO:	signal control via ext. signal input by terminals IN+GND
HAND:	manual signal control via turnknob adjustment

TERMINALS:

IN:	Input supply of ext. analogue voltage (0-10VDC)
OUT:	Conncting side (+) for dimmable ballasts
GND:	Common terminal for analoque signals (=GND and -)
1+2:	Switching in position "HAND" will give signal control by turnknob. In same time the internal mechanical NO-contact will be operated (=usable for ON/OFF-switching single ext. contactor - 240V max.)

Wire connecting



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