

BCD 3 DIGITS



- industrial
- design simple
- control fully PLC compatible

General description

Simple control through the use of BCD coded inputs allows for direct operation at the parallel outputs of a PLC. Two types of controls are available.

Parallel BCD: Four data transmission lines are required for the control of each digit. The display of values (0 to 9) requires static data entry in BCD code. Very simple operating mode.

Multiplex BCD: is recommended for the display of multiple digits. Data transmission lines are set up as a 4 bit bus. Individual digits are selected with separate selection inputs. Wiring time is reduced. Fewer digital outputs are required at the control side.

Safety summary

All safety regulations, local codes and instructions that appear in this and corresponding literature, or on equipment, must be observed to ensure personal safety and to prevent damage to either the instrument or equipment connected to it. If equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.



The protective conductor terminal is bonded to conductive parts of the equipment for safety purposes and must be connected to an external protective earthing system.



CAUTION: Risk of Danger
Read complete instructions prior to installation and operation of the unit.



CAUTION: Risk of electric shock.

Ordering information

BCD 3 DIGITS — V

230VAC
110VAC
24VAC

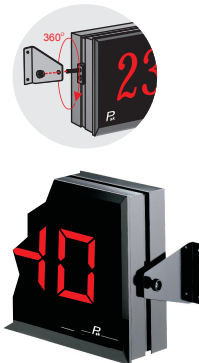
Installation

INSTALLATION ENVIRONMENT:

The unit should be installed in a location that does not exceed the operating temperature. Placing the unit near devices that generate excessive heat should be avoided. The unit should only be cleaned with a soft cloth and neutral soap product. Do NOT use solvents. Continuous exposure to direct sunlight may the front overlay. Do not use tools of any kind (screwdrivers, pens, pencils, etc.) accelerate the aging process of to operate the keypad of the unit.

MOUNTING INSTRUCTIONS:

This display is designed to be wall mounted or suspended from a ceiling truss or other suitable structure capable of supporting the BCD. Caution should be exercised when hanging the display to provide for the safety of personnel. If hanging the BCD, run the suspension cables (or chains) through the mounting bracket holes.



Technical Data

Display type : 7 segments LED
Character height : 2.3", 4", 5", 7"
Lines: 1 to n lines
Digits: 1 to n digits
Display color: red
Operating voltage: 230 V / 50Hz, 110v / 60 Hz or 24VDC +20%
View: single
Data input: multiplex BCD or parallel BCD
Display: 0 to 9
Labelling: upon request
Housing: industrial version, powder coated aluminium
Protection: Ip54 or Ip65
Operating temperature: 0° to +50°C
Storage temperature: -25° to +70°C



PLC

Input device

pre-selection switch

controller with BCD output