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BCD 100 - BCD DECODER

BCD 100 / 26

FEATURES

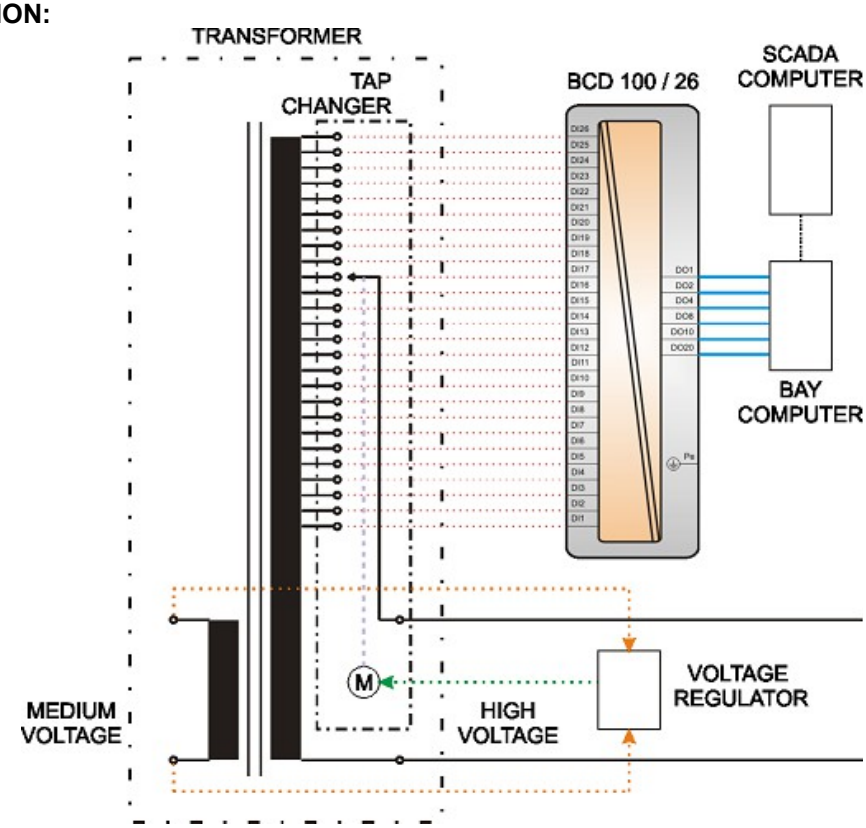
- 26 or 36 inputs version
- 6 outputs
- 24 V- 250 V DC input voltage
- Enclosure size
  - 26 inputs - 40 mm(W) x 105 mm(H) x 111 mm(D)
  - 36 inputs - 60 mm(W) x 105 mm(H) x 111 mm(D)
- Standard DIN 35 rail mount
- No power supply needed
- Al housing

DESCRIPTION

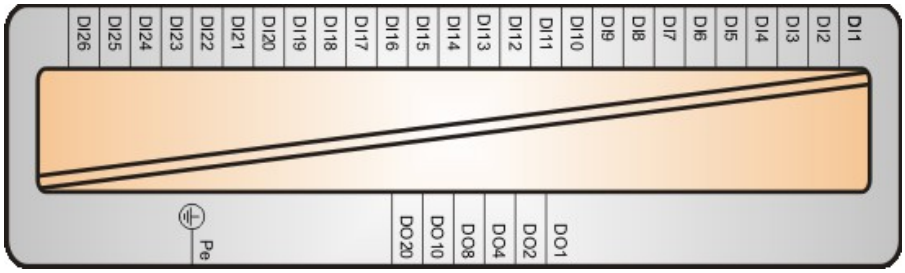
BCD 100 decoder reduces system cost by reducing number of information (reduction in number of terminals, cable wires and bay computer digital inputs) to the bay computer from 26 (36) to 6.

High to medium voltage transformer tap changer position defines transformer output voltage. For SCADA operator is important to know which tap is currently in use. That information is usually provided by bay computer. Tap changer has many tap positions and that would take many terminals, cable wires and digital inputs on bay computer, which is not economic. BCD decoder reduces that cost by transforming 26 (BCD 100 / 26) or 36 (BCD 100 / 36) tap changer position into BCD code without additional power supply.

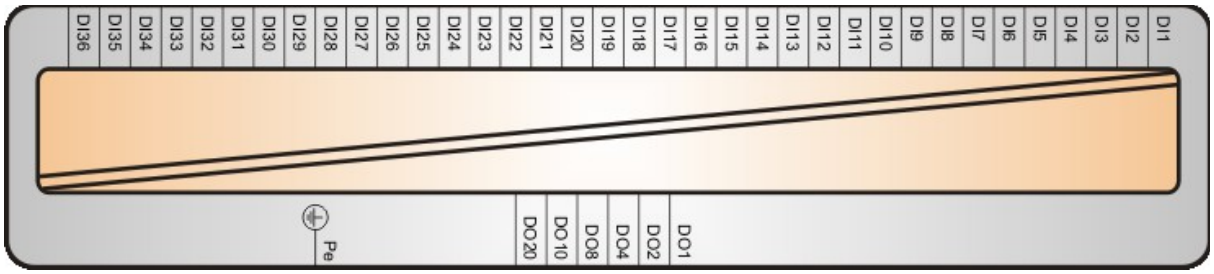
TYPICAL APPLICATION:



SCHEMATICS:



BCD 100 / 26 schematic

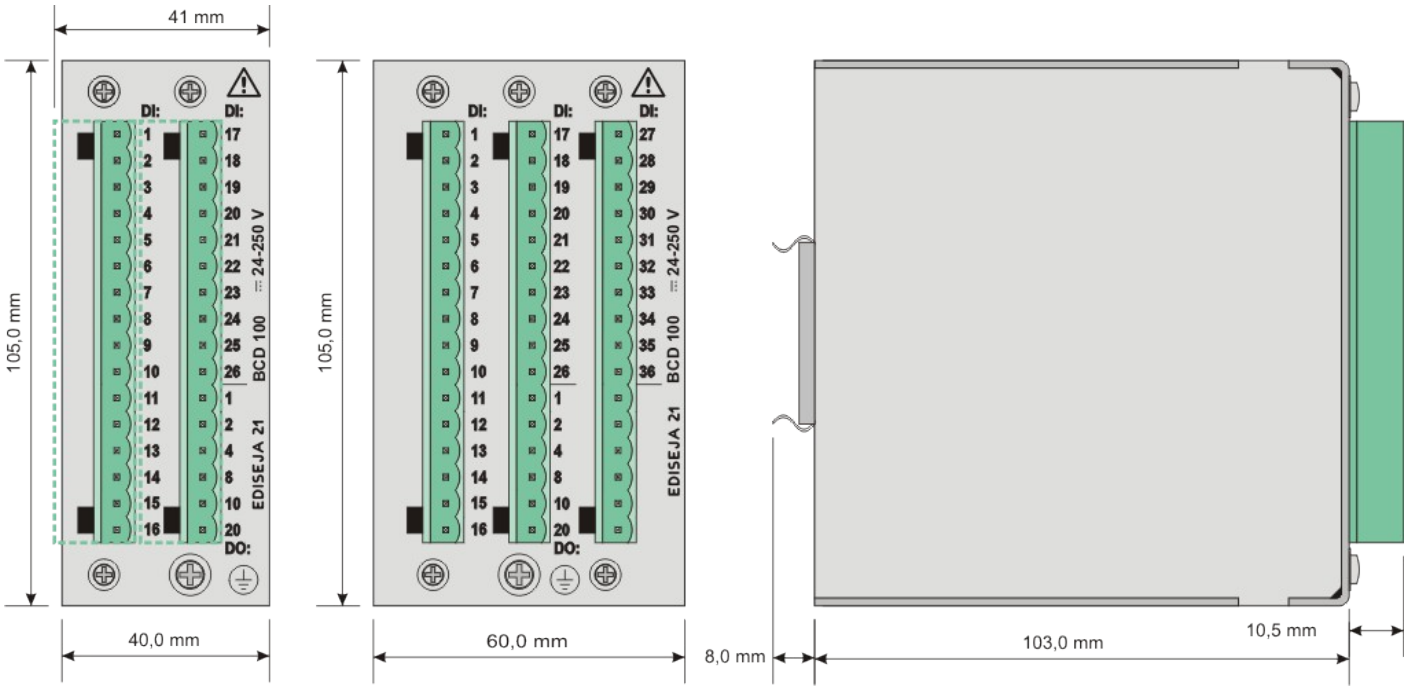


BCD 100 / 36 schematic

TECHNICAL DATA

- Rated input voltage: 24 V-250 V DC
- Input voltage range: 19 V- 275 V DC
- Input / output current max: 0,5 A

DIMENSIONS:



BCD 100 / 26 (left) & BCD 100 / 36 (right) dimensions

ORDERING NUMBER: **BCD 100 / ☐**

Number of inputs:
26 inputs …..... 26
36 inputs …..... 36