

## HEAG 152

Digital converters (opto coupler transmitters) for signal level shifting, isolating and signal regeneration of HTL or TTL signals

Article number: 11087117

### Overview

- Signal level shifting from HTL → TTL
- Isolating signal cables to multiple receivers to avoid earth loops
- Regenerating of signals when transmitting over long distance



### Technical data

#### Technical data - electrical ratings

Voltage supply	5 VDC ±5 %
Consumption	≤5 mA
Inputs	HTL
Input signals	K1 90° K2, K0 + inverted
Input frequency	120 kHz
Outputs	TTL
Load current (outputs)	HTL: 60 mA (average), 100 mA (peak) TTL: 25 mA (average), 75 mA (peak)

#### Technical data - electrical ratings

Output signals	K1, K2, K0 + inverted
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#### Technical data - mechanical design

Dimensions W x H x L	50 x 75 x 55 mm
Protection EN 60529	IP 20
Operating temperature	-20...+50 °C
Mounting type	DIN rail housing EN 50022
Connection	Screw terminal connector

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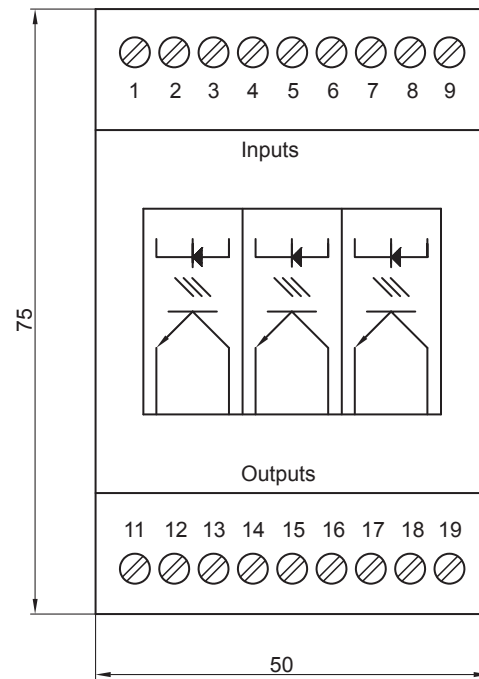
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### Terminal assignment

Terminal	Assignment
1 *	Do not use
2	Do not use
3	Input K1
4	Input $\overline{K1}$ (K1 inverted)
5	Input K2
6	Input $\overline{K2}$ (K2 inverted)
7	Input K0 (zero pulse)
8	Input $\overline{K0}$ (zero pulse inverted)
9	Do not use
11	+UB (HEAG)
12 *	0 V
13	Output K1
14	Output $\overline{K1}$ (K1 inverted)
15	Output K2
16	Output $\overline{K2}$ (K2 inverted)
17	Output K0 (zero pulse)
18	Output $\overline{K0}$ (zero pulse inverted)
19	Do not use

\* No connection between 1 and 12

### Dimensions



Height = 55

### Output signals

