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GELBAU - CONTROL UNIT B412.0

30B4.1206
Cat.1 Resistance Evaluator 24Vdc 1x N/O Contact



- Compact enclosure, only 22.5 mm
- 1 NO output
- Automatic reset
- Safety category 1 in accordance with EN954-1

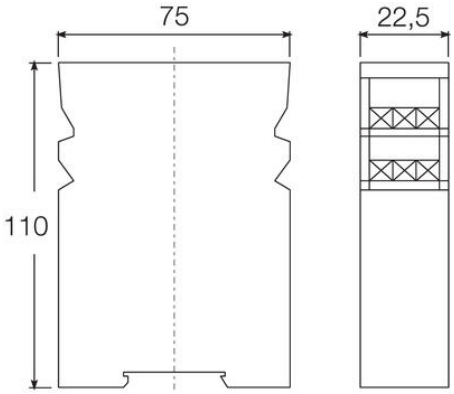
PRODUCT DESCRIPTION

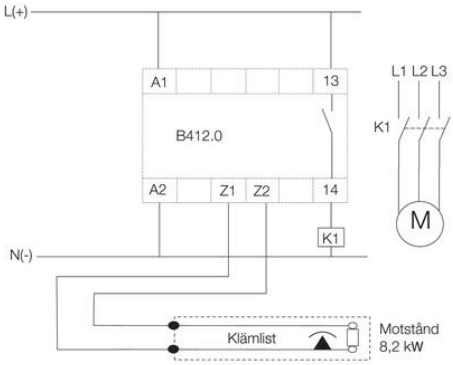
Small control unit for the monitoring of sensing strips in less dangerous applications. It fulfils safety category 1 which means that it may only be used in applications in which the risk of injury is only for slight, normally reversible injuries. If there is any doubt select one of the control units on the following pages. A low current is transmitted from the unit's connectors (Z1 & Z2) through the sensing strip, and a closed circuit is formed via a resistor (8.2 kΩ). The control unit output cuts the power if anyone/anything presses the sensing strip and also following a short-circuit or open circuit.

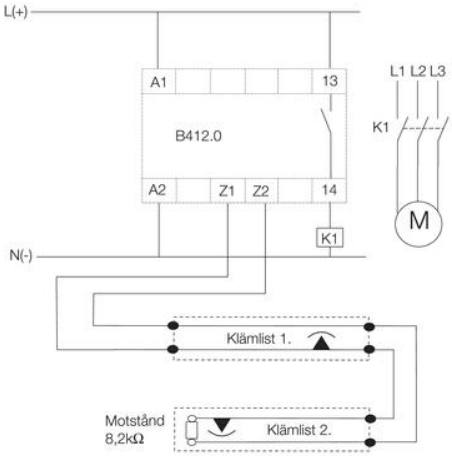
TECHNICAL DATA

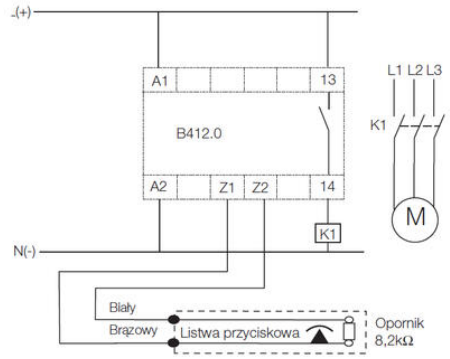
Approvals	CE, TÜV NORD
Cable length to clip list max	50 m (min. 0,5 m2)
Contact current max	4 A AC/DC
Contact voltage max	250 V AC/24 V DC
Disconnection	10 ms
Fuse output	4 A
In compliance with	EMC, LVD, MD
IP class connection	IP20
IP class of housing	IP40
Mounting	DIN rail
PL	c enl.SS-EN ISO 13849-1
Power consumption	3 W
Supply voltage	24 V DC

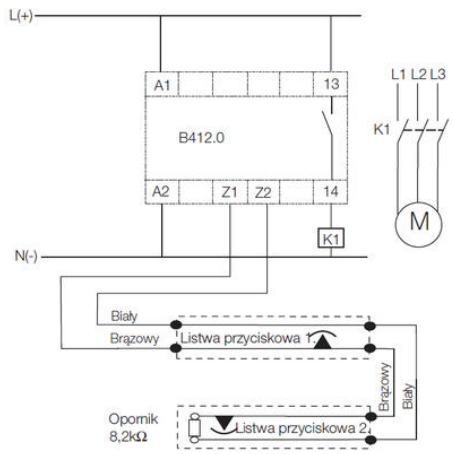
Temperature ambient from	-20 °C
Temperature ambient to	55 °C
Terminal strip length max	100 m
Tolerance max	10 %
Tolerance min	-15 %

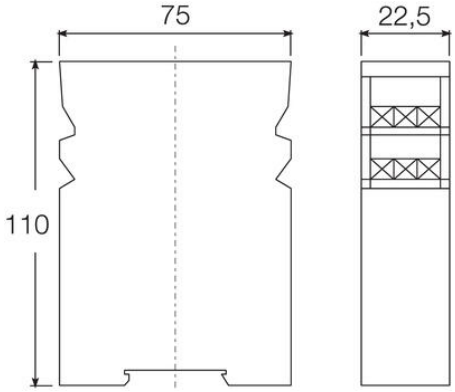


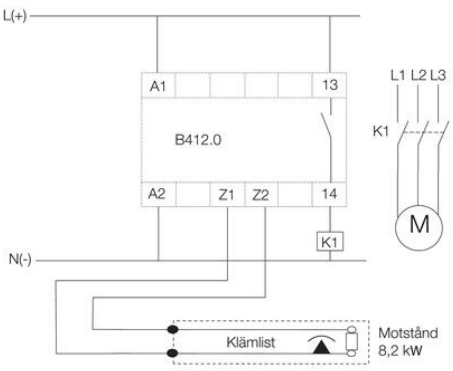


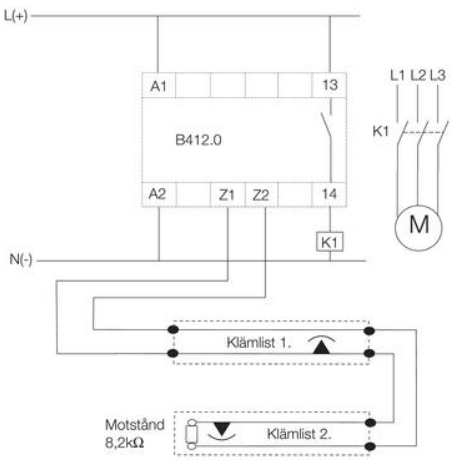


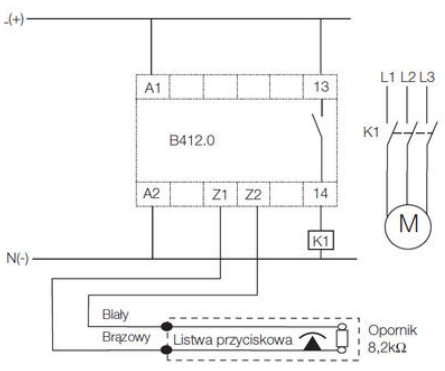


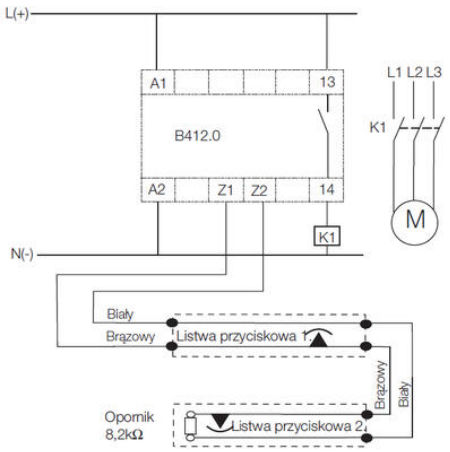











L(+)
A1
13
B412.0
A2
Z1
Z2
14
K1
L1 L2 L3
K1
M
N(-)
Biały
Brązowy
Listwa przyciskowa 1
Brązowy
Biały
Opornik
8,2kΩ
Listwa przyciskowa 2