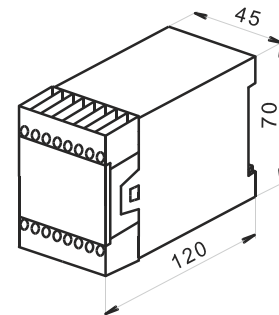


## Features

- universal two channel supply unit with two independent power supplies 24VDC and relay outputs
- for supplying arbitrary sensors with NPN (DSU-2422-N) or PNP (DSU-2422-P) output or "S" output (DSU-2422-N)
- protection against short-circuit, current overload and overvoltage on both sections
- safety requirements according to EN 61010-1
- LED state indication
- isolated switching contact outputs
- mounting into an installation case or distribution cabinet on DIN rail 35 mm

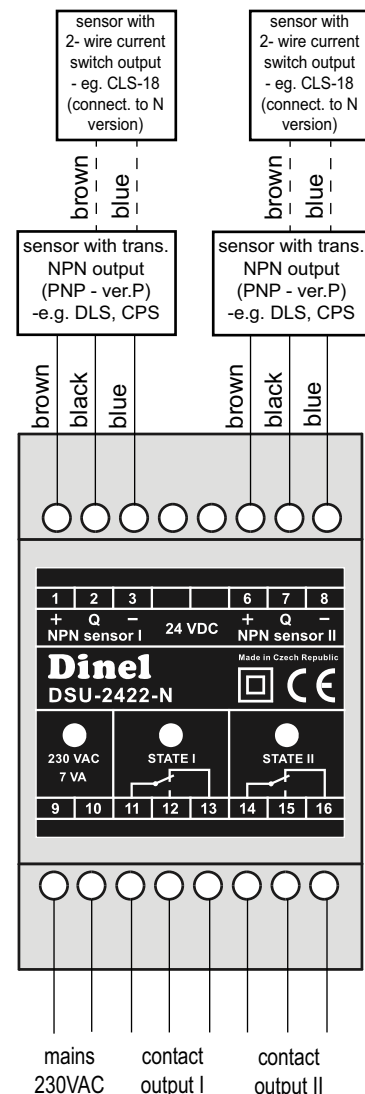
## Dimension drawing



## Technical data

Type	DSU-2422-N(P)
Nominal supply voltage	230 V / 50 Hz
Allowed supply voltage tolerance	± 10%
Nominal power demand	7 VA
Output voltage for sensor supplying	24 V DC
Output voltage tolerance	± 5%
Input switch on current $I_{\text{O}}$ (at $U_{\text{O}} = 0 \text{ V}$ )	10 mA
Max. output current for sensor supplying	50 mA
Output short-circuit current	80 mA
Contact rating: - max. current	4 A
- max. voltage	250 V
- max. power	500 VA
Max. switching frequency of loaded contact	360 / h
Contact life - number of cycles	min. $10^5$
Isolating voltage mains 230 V - output 24V	4 kV
Ambient temperature	-20 to + 50 °C
Protection rating: - enclosure	IP 40
- terminals	IP 20
Housing material	polycarbonate
Terminal material	CuBe
Max. / recom. conductor cross-section	4 mm <sup>2</sup> / 0,5 ÷ 1 mm <sup>2</sup>
Weight	c. 0,4 kg
Připojení k síti 230 V pouze přes vypínač nebo jistič	
Internal protection on 230VAC side - fuse T80 mA	
The device meets the requirements of following standards	
Electrical safety requirements due to EN 61010-1	
EMC	EN 55022, EN 61000-4-2,-3,-4,-5,6,-11

## Wiring of DSU-2422-N(P)



## Function of signal LEDs

- Green LED - "POWER" - mains 230V/50Hz connected  
 Yellow LED - "STATE I" and "STATE II" - state of output relay due to sensor state  
 LED light-off - contacts 11-13, 14-16 closed  
 LED light-on - contacts 11-12, 14-15 closed