

## Quadruple Optocoupler

The optocoupler Opto1-03 will be used for effective protection against overvoltage for i.e. SPS-Controller. By integrating a power supply, the design of the optocoupler is very compact and minimises the wiring. The housing consists of self-extinguishing polycarbon according to UL94V1 and IEC950 and is prepared for installation on mounting rails. All terminals are touch protected.

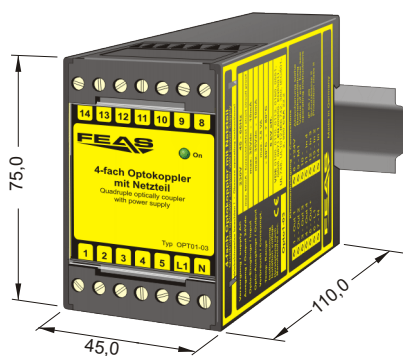
### Typical application:

- Overvoltage protection for:
  - Elektronic controller systems (i.e. SPS-Controller)

Quadruple optocoupler



<b>Type Order Nr.</b>	<b>Opto1-03 59002</b>
<b>Technical datas</b>	
<b>Design</b>	
Construction	in plastic enclosure
Protection index	IP65(enclosure) / IP20(screw terminals)
Safety class	prepared for class II
Number of channels	4
Integrated power supply	24VDC output / short circuit proof
Operating temperature	-30°C to 80°C
Applied standards	EN60950, 55011; VDE0100, 0110, 0160
MTBF at 25°C	>350.000 h
<b>Electrical datas</b>	
Operating voltage	230VAC
Frequency	45 - 66Hz
Consumption	max. 3,8VA
Output voltage	24VDC
Output current	max. 80mAmp.
Opto-input	max. 35VDC - 10mAmp.
Opto-output	max. 35VDC - 10mAmp.
Test voltage	5 kV eff.
<b>Mechanics</b>	
Dimensions	45 x 75 x 110mm - W x H x D
Terminals	Screw terminals 4mm <sup>2</sup>
Weight	approx. 0,50Kg
Mounting	on 35mm Rail acc. to DIN 46277



connection sample

