

KALEJA GmbH  
D-73553 Alfdorf

## Electronic load relay DC Threshold voltage: 24VDC

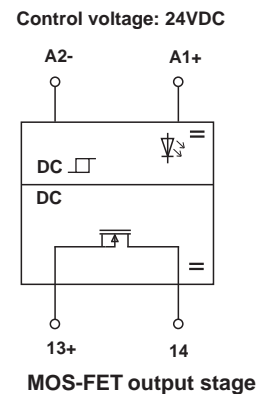
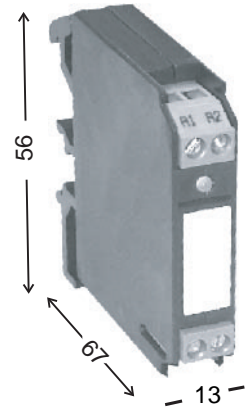
Implementation for large switching  
current and small switching frequency

Suitable for inductive loads

Indirect-coupled between input circuit  
and output circuit

To snap onto DIN - rail EN 50022  
and EN 50035

Construction width: 13mm



<b>Short designation / type</b>	<b>Rated voltage: 24VDC Mini-OM-50-30</b>
<b>Art. - No.</b>	<b>02.01.116</b>
<b>Technical data: input circuit</b>	
Rated voltage / threshold voltage	24 VDC
Range of rated voltage min. / max.	18V to 35VDC
Input current during rated voltage	5mA
Status indicator	LED 3mm yellow
<b>Technical data: output circuit</b>	
Range of switching voltage	5VDC to 35VDC
Max. permanent load current	5A
Min. load current	1 mA
Impulse current	25A - 35A
Switching frequency	100 Hz
Output circuit	floating, 2 conductor connection
Max. leakage current at "off" state	< 200 $\mu$ A
<b>Other data</b>	
Ambient temperature range	-20°C to + 60°C
Insulation voltage input / output	2,5KV eff.
Absence of vibration a/r (10...500Hz)	> 20 / 5
Overload protection / short-circuit-proof / temperature monitoring	no / no / no
DIN VDE-determinations	VDE 0110
Position of installation / mounting	can be snapped, addable
Mode of connection: screw terminal	single wire 4mm <sup>2</sup> , fine wire 2,5mm <sup>2</sup>
Dimensions: W x D x H	13mm x 56mm x 67mm
MTBF (SN29500, 40°C, rated load)	435,6 years