

## Technical Data

### Overexcitation control

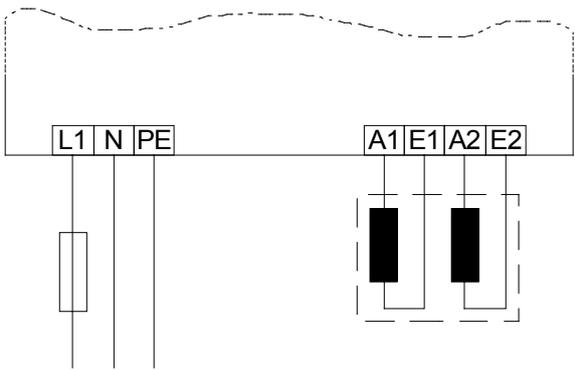
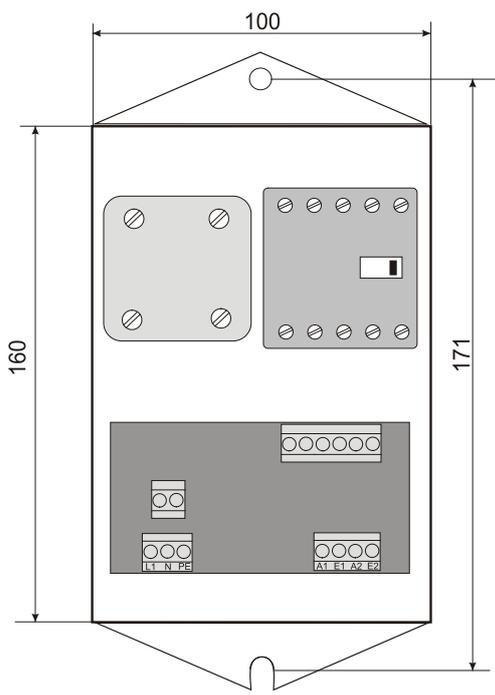
## Type KUS 3.50



Description	Part Number				
Overexcitation control for solenoids with two separated coils or one double-layer coil	2200800107				
Features	Technical Data				
<ul style="list-style-type: none"> <li>switching from parallel to serial connection</li> <li>increased starting force of actuating solenoids</li> <li>Short reaction time</li> <li>usable for inching mode (max. 5 min)                             <ul style="list-style-type: none"> <li>- cycle range min. 5 sec</li> <li>- consider Rel. On-time</li> </ul> </li> </ul>	Supply	min	max		
	Voltage	210	250 V AC		
	Overexcitation current		6 A		
	Overexcitation time	1,2	1,5 s		
	Holding current		1,5 A		
	Frequency	47	63 Hz		
	Ambient Conditions	min	max		
	Storage	-20	+70 °C		
	Operation	0	+45 °C		
	Humidity	max. 90% uncondensed			
Design	Weight and Dimension		L	W	H
<p>The device is in a totally insulated enclosure IP65. The standard delivery consists of cable entries with self-sealing rubber, therefore the degree of protection degrades to IP64. In case the higher protection of IP65 shall be reached, high-strength cable glands must be used.</p> <p>The control input and output cables have to be installed separately. The solenoid must be connected to the PE-system.</p>	Dimension	160	100	100 mm	
	Weight	950 g			
	Connections				
	Power Supply				
	Connections for solenoid				
	PE				

## Dimensions Overexcitation control

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Connections																									
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<b>Warning</b> <ul style="list-style-type: none"> <li>⇒ Installation and commissioning must be carried out by sufficient skilled staff.</li> <li>⇒ Before opening the enclosure, verify the device is free of voltage!</li> <li>⇒ All applicable standards and regulation must be kept, especially the DIN VDE.</li> <li>⇒ Fuse and wiring diameter according rated current.</li> <li>⇒ Nominal voltage and current must not be increased.</li> <li>⇒ In case of blown fuse, the device must be replaced.</li> </ul>																									