

## MEASUREMENT & CONTROL

### MONITORING CURRENT RELAY

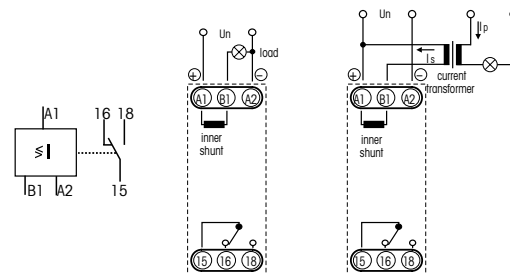
#### SCR

- Universal supply AC 24 - 240 V und DC 24 V
- Easy adjusting actualing current via potentiometer, choice of 4 ranges : AC 0.1-1 A, AC 0.2-2 A, AC 0.5-5 A, AC 0.8-8 A
- Adjustable delay 0 - 10 s
- Output contact: 1x changeover 16 A
- possible to use for current scanning from current transformer - up to 600 A!
- Supply is not galvanically separated from measured current, it must be in the same phase
- 1-phase, 1-MODULE, DIN rail mounting

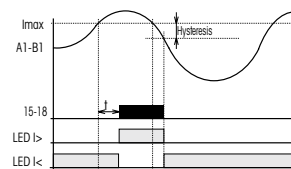


Technical parameters	SCR
<b>Supply circuit</b>	
Supply terminals:	A1 - A2
Supply voltage:	AC 24 - 240 V (AC 50 - 60 Hz) and DC 24 V
Consumption:	max. 1.5 VA
Supply voltage tolerance:	-15 %; +10 %
<b>Measuring circuit</b>	
Load:	between A2 - B1
Current range:	SCR-1A AC 0.1 - 1 A SCR-2A AC 0.2 - 2 A SCR-5A AC 0.5 - 5 A SCR-8A AC 0.8 - 8 A
<b>Current transformers:</b>	
Max. permanent current / Inrush overload <1 ms:	SCR-1A 1 A / 2.5 A SCR-2A 2 A / 2.5 A SCR-5A 5 A / 6.3 A SCR-8A 8 A / 20 A
Current adjustment:	potentiometer
Time delay:	adjustable, 0 - 10 sec
<b>Accuracy</b>	
Setting accuracy (mechanical):	5 %
Repeat accuracy:	<1 %
Temperature dependency:	< 0.1 % / °C
Limit values tolerance:	5 %
Hysteresis (fault to OK):	0.6-1.2 % of the range
<b>Output</b>	
Number of contacts:	1x changeover, (AgNi)
Rated current:	16 A / AC1
Breaking capacity:	4000 VA / AC1, 384 W / DC
Output indication:	green / red LED
<b>Other information</b>	
Operating temperature:	-20 .. +55 °C
Storage temperature:	-30 .. +70 °C
Electrical strength:	4 kV (supply - output)
Operating position:	any
Mounting:	DIN rail EN 60715
Protection degree:	IP 40
Overtoltage category:	///.
Pollution degree:	2
Max. cable size:	max. 2.5mm <sup>2</sup> / with crimped terminations 1.5mm <sup>2</sup>
Dimensions:	90x17.6x 64 mm, see Dimensions page
Weight:	57 g
Standards:	EN 60255-6, EN 61010-1

#### Connection



#### Functions



#### Description

