



- Insulation relay for non grounded DC systems
- Both for battery and power generated DC networks
- “SEV” measuring principle

**Specifications**

Monitored Voltage:	24, 48, 110 or 220VDC
Auxiliary Supply (optional):	100-120, 200-240, 380-440V 40-70Hz
Contact Rating:	AC: 100VA - 250V/2A max. DC: 50W - 100V/1A max.
Adjustments:	Factory set to 25 kohm
Temperature:	-20 to +70°C
Weight:	0.3kgs
Front protection:	IP21

**Description**

KRM169D measures the insulation, directly in kohms, of non-earthed DC systems.

The standard 24VDC instrument has a 100kohms range with a trip level of 25kohms.

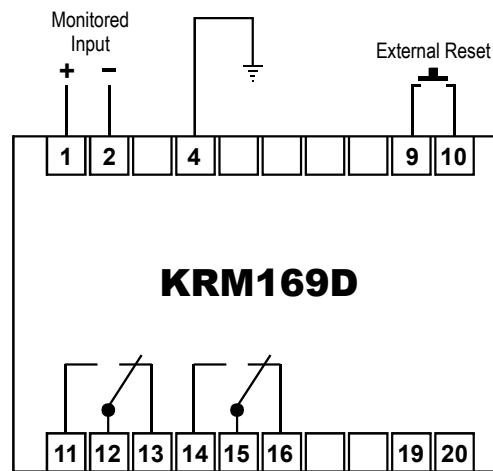
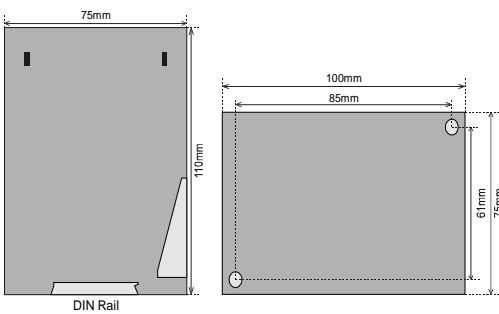
Trip levels vary depending on monitored nominal voltage.

The trip level is factory set and will operate after a delay of approximately four seconds.

Relays are fail-safe and energise when powered.

Reset the relays by operating the internal reset button or an external reset (pulse).

**Dimensions**



Condition	Contacts Closed	
Aux. Power Off	12-13 & 15-16	AC Aux Supply (Optional)
Aux. Power On (Normal)	11-12 & 14-15	
Below trip level	12-13 & 15-16	

The unit meets IEC60092-504 and the relevant environmental and EMC tests specified in IEC60068/60092 and IEC61000/60533 respectively, to comply with the requirements of the major Classification Societies.

The MEGAICON policy is one of continuous improvement, consequently equipment supplied may vary in detail from this publication.

**ORDERING EXAMPLE:**  
 Type : KRM169D  
 Monitored Voltage : 24VDC  
 Trip level : 25kohm  
 Range : 0-100kohm

