

## Measuring relay



RM21

RM31

Single-phase (RM21) and three-phase (RM31) alternating current relays  
 Selectable  $I_{max}$  or  $I_{min}$  (RM21) and  $I_{max} + I_{min}$  or  $I_{min}$  phase lacking (RM31)  
 1A or 5A input rated current (RM21 only)  
 Adjustable threshold 20...120%  $I_n$  (RM21) and 15...100%  $I_n$  (RM31)  
 1 SPDT contact output relay (RM21) and 2 SPDT contact relays (RM31)  
 2 module (RM21) and din rail 100x75x110mm (RM31) housing



RM2U

RM3U

Single-phase (RM2U) and three-phase (RM3U) alternating voltage relays  
 Selectable  $U_{max}$  or  $U_{min}$  (RM2U) and  $U_{max} + U_{min}$ , sequence and phase lacking (RM3U)  
 Input rated voltage  $U_n$  100V or 250V (RM2U only) or 400V  
 Adjustable threshold 10...120%  $U_n$  (RM2U) and  $\pm 20\%$   $U_n$  (RM3U)  
 1 SPDT contact output relay (RM2U) and 1 relay 2 SPDT contacts (RM3U)  
 2 module (RM2U) and 70x75x110mm din rail (RM3U) housing



RM2S

Three-phase alternating voltage relay  
**Phase sequence/phase lacking/phase asymmetry**  
 Input voltage 380...415V 50 and 60Hz  
 Adjustable asymmetry threshold 5...25%  
 1 SPDT contact output relay  
 2 module housing



RM3C

Bi-directional or pulsating direct current or voltage relay  
**2 min and/or max programmable alarms**  
 Rated inputs 50...200mV/5...20V/50...200V/0,5...2mA/5...20mA  
 LED display to show any quantity directly proportional to input  
 2 SPDT contact output relay  
 100x75x110mm din rail housing

## Insulation controllers



Iso D4

Insulation control towards earth of single-phase or three-phase networks with insulated neutral or d.c. networks  
 Line voltage 24...400V 50-60Hz or 20-60Vdc or 100...160Vdc or 210...230Vdc  
 Selectable intervention point 20...200kohm or 5...200kohm (only for network a.c.)  
 Manual test, automatic reset  
 1 SPDT contact negative safety output relay  
 4 module housing



Iso D4Z - Iso D4Zs



Insulation control towards earth of networks feeding rooms or medical devices  
 230/230V VT connection (ISO D4Z medical rooms) or 230/24V (ISO D4Zs scialytic lamps)  
 Selectable intervention point 50...500kohm (VT 230/230V) or 5...50kohm (VT 230/24V)  
 Permanent automatic test, automatic reset  
 1 SPST negative safety output relay  
 Output for connection up to 5 signalling boards and remote control Iso QZ  
 RS485 communication (only ISO D4Z option)  
 4 module housing



Iso QZ

Signalling board and remote control for insulation relay Iso D4Z  
 Alarm and supply on signalling LED, acoustic alarm  
 Test and silence alarm push button  
 120x81mm flush mounting housing

## Insulation transformers for medical application



Iso TV

Insulation/power transformers to feed medical rooms, rated powers 1,5/3/5/7,5/10kVA, primary 230V, secondary 115-0-115V  
 Safety transformers for scialytic lamps supply, 1KVA power supply, 230V primary, 24V secondary  
 According to EN 61558-2-15



**COMMUNICATION**