



Product type designation P1RE   Number of DIN modules 2   Compliance IEC   Electrical features IEC   Rated insulation voltage UI IEC/EN V 400   Rated insulation voltage UI IEC/EN V 400   Rated insulation voltage UI IEC/EN V 400   Rated insulation voltage UI IEC/EN V 4   Rated insulation voltage UI IEC/EN VX 4   Rated operational voltage AC (IEC) VAC 230   Rated operational voltage AC (IEC) VAC 230   Rated residual current A 25   Tripping curve C C   Residual operation characteristic AC AC   Rated residual current mA 300   Short circuit rating (IEC) kA 10   Electrical life cycles 10000   Ambient conditions max °C +60   Storage temperature min °C -25   Max altitude m 2000 Mechanical features   Operating position max °C +80   Max altitude m 2000 Max   Tightening torque for terminals max Nm 2   Ic </th <th>Product designation</th> <th></th> <th></th> <th>Residual current circuit breakers (RCCB) with overcurrent protection</th>	Product designation			Residual current circuit breakers (RCCB) with overcurrent protection
Number of Dives     1P+N       Number of Div modules     2       Compliance     IEC       Electrical features     IEC       Rated insulation voltage UIIPD     kV       Rated insulation voltage UIIpp     kV       Rated operational voltage UIIPD     kV       Rated operational voltage C(IEC)     VAC       Rated operation characteristic     AC       Rated current (In)     A     25       Tripping curve     C       Rated current (In)     AA     25       Storiage timperature     mA     300       Short circuit rating (IEC)     kA     10       Electrical life     cycles     10000       Ambient conditions     Operating temperature     min     °C       max     °C     +80     max     °C       Max altitude     m     2000     Mechanical features     Operating position     P2 2       Operating position     max     Nm     2     2       Conductor section     IEC     min     16     max     3	Product type designation			•
Number of DIN modules     2       Compliance     IEC       Electrical features     IEC       Rated insulation voltage UI IEC/EN     V     400       Rated insulation voltage UII EC/EN     V     400       Rated insulation voltage UII EC/EN     V     4       Rated insulation voltage AC (IEC)     VAC     230       Rated frequency     Hz     50/60       Rated requency     HZ     50/60       Rated reguency     HZ     50/60       Rated reguency     HZ     50/60       Rated residual current (In)     A     25       Tripping curve     C     C       Residual operation characteristic     AC     C       Rated residual current     mA     300     Sont circuit rating (IEC)     kA     10       Electrical life     cycles     10000     Ambient conditions     C     -25       Operating temperature     min     °C     -460     Sorage temperature     min     °C     +80       Max attitude     m     2000     Mechanical features				
Compliance     IEC       Electrical features     V     400       Rated insulation voltage UIEC/EN     V     4       Rated insulation voltage UIIEC/EN     V/VC     230       Rated insulation voltage AC (IEC)     VAC     230       Rated corrent (In)     A     25       Tripping curve     C     Residual operation characteristic     AC       Rated cristical corrent (In)     A     25     C       Rated regulated voltage UIEC/EN     KA     10     C       Rated residual current (In)     KA     10     C       Short circuit rating (IEC)     kA     10     C       Arbitent conditions     C     -25     C       Operating temperature     min     °C     -25       max     °C     -25     C       Storage temperature     min     °C     -25       Max altitude     max     °C     -40       max     °C     +80     C       Max altitude     max     °C     -40       Max altitude	•			
Electrical features     V     400       Rated insulation voltage Ui IEC/EN     V     400       Rated insulation voltage Limp     kV     4       Rated operational voltage AC (IEC)     VAC     230       Rated frequency     Hz     50/60       Rated current (In)     A     25       Tripping curve     C     Residual operation characteristic     AC       Rated residual current     mA     300     Short circuit rating (IEC)     kA     10       Electrical life     cycles     10000     Residual operation characteristic     MA     10       Operating temperature     min     °C     -25     max     °C     +60       Storage temperature     min     °C     -40     max     °C     +60       Storage temperature     min     °C     -40     max     °C     +80       Max altitude     m     2000     max     °C     +80       Mechanical features     mormal     Vertical plan     15       Terminals tool     pz 2     200				
Rated insulation voltage Ui IEC/EN     V     400       Rated impulse withstand voltage Uimp     kV     4       Rated operational voltage AC (IEC)     VAC     230       Rated frequency     Hz     50/60       Rated frequency     HZ     50/60       Rated requency     HZ     50/60       Rated requency     HZ     50/60       Rated requency     HZ     50/60       Rated reguency     HZ     50/60       Rated residual operation characteristic     AC     C       Rated residual current     mA     300     Short circuit rating (IEC)     kA     10       Electrical life     cycles     10000     Ambient conditions     Operating temperature     min     °C     -25       Max altitude     max     °C     +60     Storage temperature     min     °C     -40       Max altitude     max     °C     +40     max     *C     +80       Max altitude     mormal     Vertical plan     Storage temperature     max     Nm     2     *C	· · · · · · · · · · · · · · · · · · ·			
Rated impulse withstand voltage Uimp     kV     4       Rated operational voltage AC (IEC)     VAC     230       Rated frequency     Hz     50/60       Rated current (In)     A     25       Tripping curve     C     Residual operation characteristic     AC       Rated current (In)     MA     300     Short circuit rating (IEC)     kA     10       Short circuit rating (IEC)     kA     10     Electrical life     cycles     10000       Ambient conditions     Operating temperature     min     °C     -25       Max altitude     max     °C     +60     Storage temperature       Mechanical features     min     °C     -25       Operating position     max     °C     +60       Tightening torque for terminals     max     02000     Mechanical features       Operating position     normal     Vertical plan     15       Terminals tool     Pz 2     Pz 2     Conductor section       IEC     min< mm²			V	400
Rated operational voltage AC (IEC)     VAC     230       Rated frequency     Hz     50/60       Rated current (In)     A     25       Tripping curve     C     Residual operation characteristic     AC       Rated residual current     mA     300     Short circuit rating (IEC)     kA     10       Electrical life     cycles     100000     Ambient conditions     00000       Operating temperature     min     °C     -25     max     °C     +60       Storage temperature     min     °C     -25     max     °C     +80       Max altitude     m     2000     max     °C     +80       Max altitude     m     2000     max     °C     +80       Max altitude     m     2000     max     Nm     2       Fixing     normal     Vertical plan     5       Terminals tool     pz 2     2     2     2       Conductor section     max     Mm     16       MWG/Kcmil     min     16				
Rated frequency     Hz     50/60       Rated current (In)     A     25       Tripping curve     C     C       Residual operation characteristic     AC     Rated residual current     mA     300       Short circuit rating (IEC)     kA     10     Electrical life     cycles     10000       Ambient conditions     Operating temperature     min     °C     -25       Max     °C     +60     Storage temperature     min     °C     -460       Storage temperature     min     °C     -40     max     °C     +60       Storage temperature     min     °C     -40     max     °C     +80       Max altitude     m     2000     max     °C     +80       Mechanical features     max     Nm     2     max     Nm     2       Operating position     normal     Vertical plan     55     Freminals tool     Pz 2     Conductor section     Pz 2     Conductor section     Pz 2     Conductor section     Max     16     max				
Rated current (in)     A     25       Tripping curve     C       Residual operation characteristic     AC       Rated residual current     mA     300       Short circuit rating (IEC)     kA     10       Electrical life     cycles     10000       Ambient conditions				
Tripping curve   C     Residual operation characteristic   AC     Rated residual current   mA   300     Short circuit rating (IEC)   kA   10     Electrical life   cycles   10000     Ambient conditions   min   °C   -25     Operating temperature   min   °C   -25     Max   °C   +60   5     Storage temperature   min   °C   -40     Max altitude   max   °C   +60     Max altitude   mo   2000   0000     Mechanical features   min   °C   -40     Operating position   mormal   Vertical plan   15     Fixing   35mm DIN rail   15   15     Terminals tool   Pz 2   Conductor section   Pz 2   Conductor section     IEC   min   min   16   max   3     Mechanical life   cycles   20000   16   16				
Residual operation characteristic   AC     Rated residual current   mA   300     Short circuit rating (IEC)   kA   10     Electrical life   cycles   10000     Ambient conditions   min   °C   -25     Operating temperature   min   °C   -25     Storage temperature   min   °C   -40     Max altitude   m   2000   Mechanical features     Operating position   m   2000   Mechanical features     Operating torque for terminals   max   Nm   2     Tightening torque for terminals   max   Nm   2     Conductor section   IEC   min   mm   16     AWG/Kcmil   min   16   max   3     Mechanical life   cycles   20000   0000			Π	
Rated residual current     mA     300       Short circuit rating (IEC)     kA     10       Electrical life     cycles     10000       Ambient conditions         Operating temperature     min     °C     -25       max     °C     +60        Storage temperature     min     °C     -40       Max altitude     m     2000        Mechanical features     m     2000        Operating position     normal     Vertical plan     35mm DIN rail       Fixing     max     Nm     2        Tightening torque for terminals     max     Nm     2        Conductor section     IEC     min     mm²     1       AWG/Kcmil     min     16     max     3       Mechanical life     cycles     20000				
Short circuit rating (IEC)     kA     10       Electrical life     cycles     10000       Ambient conditions     min     °C     +50       Operating temperature     min     °C     +60       Storage temperature     min     °C     +60       Storage temperature     min     °C     +60       Max altitude     m     2000     Mechanical features       Operating position     m     2000     Mechanical features       Operating torque for terminals     max     Nm     2       Tightening torque for terminals     max     Nm     2       Conductor section     IEC     min <mm²< td="">     1       AWG/Kcmil     min     16     max     3</mm²<>			m۸	
Electrical life cycles 10000      Ambient conditions   min   °C   -25     Max   °C   +60     Storage temperature   min   °C   -40     Max altitude   m   2000     Mechanical features   mormal   Vertical plan     Operating torque for terminals   max   Nm   2     In provide the reminals   m				
Ambient conditions   min   °C   -25     max   °C   +60     Storage temperature   min   °C   +60     Storage temperature   min   °C   +80     Max altitude   m   2000     Mechanical features   m   2000     Operating position   normal   Vertical plan     Fixing   35mm DIN rail   35mm DIN rail     Tightening torque for terminals   max   Nm   2     Conductor section   pz 2   2   2     Conductor section   IEC   min   mm   16     AWG/Kcmil   min   16   33   3     Mechanical life   cycles   20000   3   3				
Operating temperature     min     °C     -25       max     °C     +60       Storage temperature     min     °C     -40       Max altitude     max     °C     +80       Max altitude     m     2000       Mechanical features     m     2000       Operating position     normal     Vertical plan       Fixing     35mm DIN rail       Tightening torque for terminals     max     Nm     2       Conductor section     p2 2     Conductor section     P2 2       Conductor section     IEC     min     mm²     1       AWG/Kcmil     min     16     2     3       Mechanical life     cycles     20000     3     3			cycles	10000
min     °C     -25       max     °C     +60       Storage temperature     min     °C     -40       max     °C     +80       Max attitude     m     2000       Mechanical features     m     2000       Operating position     normal     Vertical plan       Fixing     35mm DIN rail     35mm DIN rail       Tightening torque for terminals     max     Nm     2       Conductor section     Ibin     15     15       Terminals tool     Pz 2     Conductor section     IEC     min     mm²     1       AWG/Kcmil     min     16     axx     3     3				
max     °C     +60       Storage temperature     min     °C     -40       max     °C     +80       Max altitude     m     2000       Mechanical features     m     2000       Operating position     normal     Vertical plan       Fixing     35mm DIN rail       Tightening torque for terminals     max     Nm       max     Ibin     15       Terminals tool     Pz 2     Pz 2       Conductor section     IEC     min <mm²< td="">     1       MWG/Kcmil     min     16     max     3       Mechanical life     cycles     20000     16</mm²<>	Operating temperature	min	°C	25
Storage temperature   min   °C   -40     max   °C   +80     Max altitude   m   2000     Mechanical features   m   2000     Operating position   normal   Vertical plan     Fixing   35mm DIN rail   35mm DIN rail     Tightening torque for terminals   max   Nm   2     max   Ibin   15   15     Terminals tool   Pz 2   2   2     Conductor section   IEC   min   mmx   mm²   1     AWG/Kcmil   min   16   33   3   3     Mechanical life   cycles   20000   3   3				
min     °C     -40       max     °C     +80       Max altitude     m     2000       Mechanical features     m     2000       Operating position     normal     Vertical plan       Fixing     35mm DIN rail       Tightening torque for terminals     max     Nm       Terminals tool     Pz 2       Conductor section     IEC     min     mm²       AWG/Kcmil     min     16       Mechanical life     cycles     2000	Ctore so to ma evolute	max	U	+60
max     °C     +80       Max altitude     m     2000       Mechanical features     m     2000       Operating position     normal     Vertical plan       Fixing     35mm DIN rail       Tightening torque for terminals     max     Nm       Terminals tool     Pz 2       Conductor section     IEC     min     mm²       AWG/Kcmil     min     16       Mechanical life     cycles     20000	Storage temperature		° <b>^</b>	40
Max altitude     m     2000       Mechanical features     Operating position     normal     Vertical plan       Fixing     35mm DIN rail     35mm DIN rail       Tightening torque for terminals     max     Nm     2       Terminals tool     Pz 2     2       Conductor section     IEC     min     mm²     16       AWG/Kcmil     min     16     max     3       Mechanical life     cycles     20000     16				
Mechanical features     Operating position   normal   Vertical plan     Fixing   35mm DIN rail     Tightening torque for terminals   max   Nm   2     max   Ibin   15     Terminals tool   Pz 2     Conductor section   IEC   min   mm²   16     AWG/Kcmil   min   16   33     Mechanical life   cycles   20000   20000	NA	max		
Normal   Vertical plan     Fixing   35mm DIN rail     Tightening torque for terminals   max   Nm   2     Tightening torque for terminals   max   Nm   2     Terminals tool   Pz 2   2     Conductor section   IEC   min   mm²   1     AWG/Kcmil   min   16   max   3     Mechanical life   cycles   20000   20000			m	2000
normal Vertical plan   Fixing 35mm DIN rail   Tightening torque for terminals max Nm 2   max Ibin 15   Terminals tool Pz 2   Conductor section IEC   IEC min mm² 16   AWG/Kcmil min 16   Mechanical life cycles 20000				
Fixing     35mm DIN rail       Tightening torque for terminals     max     Nm     2       max     Ibin     15       Terminals tool     Pz 2       Conductor section     IEC     min     mm²     1       AWG/Kcmil     min     16     max     3       Mechanical life     cycles     20000     16	Operating position			
Tightening torque for terminals   max   Nm   2     max   Ibin   15     Terminals tool   Pz 2     Conductor section   IEC		normal		
max   Nm   2     max   Ibin   15     Terminals tool   Pz 2     Conductor section   IEC				35mm DIN rail
max     Ibin     15       Terminals tool     Pz 2       Conductor section     IEC	Tightening torque for terminals			
Terminals tool     Pz 2       Conductor section     IEC		max		
Conductor section      IEC   min   mm²   1     max   mm²   16     AWG/Kcmil   min   16     max   3   3     Mechanical life   cycles   20000		max	Ibin	
IEC     min     mm²     1       max     mm²     16       AWG/Kcmil     min     16       max     3       Mechanical life     cycles     20000				Pz 2
min     mm²     1       max     mm²     16       AWG/Kcmil     min     16       max     3     3       Mechanical life     cycles     20000				
max     mm²     16       AWG/Kcmil     min     16       max     3     3       Mechanical life     cycles     20000	IEC			
AWG/Kcmil min 16   max 3   Mechanical life cycles 20000		min		
min     16       max     3       Mechanical life     cycles     20000		max	mm²	16
max3Mechanical lifecycles20000	AWG/Kcmil			
Mechanical life cycles 20000		min		
· · · · · · · · · · · · · · · · · · ·		max		3
Weight g 205	Mechanical life		cycles	20000
	Weight		g	205

## P1RE1NC25AC300

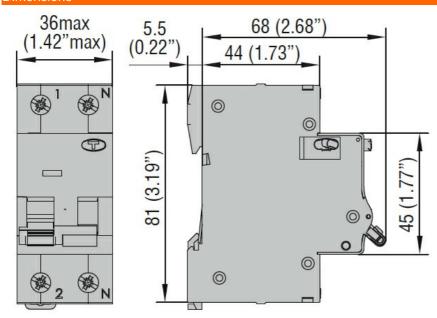
ENERGY AND AUTOMATION

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electric INTRERUPTOR MAGNETO TERMIC DIFERENTIAL CU PROTECTIE LA SUPRACURENT, 10KA.

2 MODULE, 1P+N - TIP AC, 25A, 300MA





Certifications and cor	mpliance	
Compliance		
	IEC/EN/BS 61009-1	
Certifications		
	EAC	
	TÜV-SUD	
ETIM classification		
		EC000905 -

**ETIM 8.0** 

EC000905 -Earth leakage circuit breaker