

Dimensions



Product type designation P1RD Number of DN modules 2P Number of DN modules 2 Compliance IEC Electrical features Rated insulation voltage UIIEC/EN V 400 Rated inpulse withstand voltage UImp KV 4 Rated operational voltage AC (IEC) VAC 230 Rated requency RA 40 Residual operation characteristic A A 40 Residual operation characteristic A A 300 Short circuit rating (IEC) KA 10 Electrical life cycles 10000 Ambient conditions Operating temperature min °C -25 max °C +60 Storage temperature 0 Machanical features Operating position 0 Fixing 5 Terminals tool 7 Conductor section IEC 0 Max altitude Max 2 Mechanical life 2 Max MM 2 Max altitude 7 Max 10 IEC 1 Max 2 Mechanical life 2 Max 2 Mechanical life 2 Mechanical life 2 Max 2 Mechanical life 2 Mechanical life 2 Max 2 Mechanical life 2 M	Product designation			Residual current circuit breakers (RCCB)
Number of DIN modules     2       Compliance     IEC       Electrical features     IEC       Rated insulation voltage Uil IEC/EN     V     400       Rated insulation voltage Uil EC/EN     V     4       Rated operational voltage AC (IEC)     VAC     230       Rated frequency     Hz     50/60       Rated operational voltage AC (IEC)     VAC     430       Residual operational voltage AC (IEC)     A     40       Residual operation characteristic     A     A       Rated residual current     mA     300       Short circuit rating (IEC)     kA     10       Electrical life     cycles     10000       Ambient conditions	Product type designation			P1RD
Compliance     IEC       Electrical features     V       Rated insulation voltage UIIEC/EN     V     400       Rated insulation voltage UIIP     kV     4       Rated operational voltage AC (IEC)     VAC     230       Rated requency     Hz     50/60       Rated corrent (In)     A     40       Residual operation characteristic     A     A       Rated corrent (In)     A     40       Residual current     mA     300       Short circuit rating (IEC)     kA     10       Electrical life     cycles     10000       Ambient conditions	Number of poles			2P
Electrical features     V     400       Rated insulation voltage UIIEC/EN     V     400       Rated insulation voltage AC (IEC)     VAC     230       Rated frequency     Hz     50/60       Rated operational voltage AC (IEC)     VAC     230       Rated frequency     Hz     50/60       Rated operation characteristic     A     40       Residual operation characteristic     A     A       Rated residual current     mA     300       Short circuit rating (IEC)     kA     10       Electrical life     cycles     10000       Ambient conditions     -     -       Operating temperature     min     °C     +60       Storage temperature     -     -     -     -       Max altitude     m     2000     -     -     -       Max altitude     m     2000     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     - <td< td=""><td>Number of DIN modules</td><td></td><td></td><td>2</td></td<>	Number of DIN modules			2
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     A     40       Residual operation characteristic     A     40       Rated reguladul current     mA     300       Short circuit rating (IEC)     kA     10       Electrical life     cycles     10000       Ambient conditions     Operating temperature     min     °C     -25       Garage temperature     min     °C     -25     -460       Max altitude     max     °C     +80     -40       Max altitude     max     °C     +40     -40       Max altitude     max     °C     -40     -40       Max altitude     max     °C     +80     -40       Fixing     normal     Vertical plan     -5       Terminals tool     P2 2 <td< td=""><td>Compliance</td><td></td><td></td><td>IEC</td></td<>	Compliance			IEC
Rated impulse withstand voltage Uimp     kV     4       Rated operational voltage AC (IEC)     VAC     230       Rated frequency     Hz     50/60       Rated current (In)     A     40       Residual operation characteristic     A     A       Rated residual current     mA     300       Short circuit rating (IEC)     kA     10       Electrical life     cycles     10000       Ambient conditions     max     °C       Operating temperature     min     °C       Max altitude     m     2000       Mechanical features     mormal     Vertical plan       Fixing     normal     Vertical plan       Tightening torque for terminals     max     Nm       max     Nm     2     max       Conductor section     Pz 2     Conductor section       IEC     min< mm²	Electrical features			
Rated operational voltage AC (IEC)     VAC     230       Rated frequency     Hz     50/60       Rated current (In)     A     40       Residual operation characteristic     A     A       Rated residual operation characteristic     A     A       Rated residual current     mA     300       Short circuit rating (IEC)     KA     10       Electrical life     cycles     10000       Amblent conditions     Operating temperature     min     °C     -25       max     °C     +60     Storage temperature     max     °C     +80       Max altitude     m     2     -40     max     °C     +80       Max altitude     max     °C     +80     -40	Rated insulation voltage Ui IEC/EN		V	400
Rated frequency     Hz     50/60       Rated current (In)     A     40       Residual operation characteristic     A     40       Rated residual current     mA     300       Short circuit rating (IEC)     kA     10       Electrical life     cycles     10000       Ambient conditions     -     -       Operating temperature     min     °C       max     °C     +60       Storage temperature     min     °C       Max altitude     m     2000       Mechanical features     -     -       Operating position     -     -       fixing     35mm DIN rail     -       Tightening torque for terminals     max     Nm     2       Conductor section     -     -     -     -       IEC     min     min     14     -       Max Altifiele     -     -     -     -       Restored life     -     -     -     -       Max altitude     max     -	Rated impulse withstand voltage Uimp		kV	4
Rated current (in)     A     40       Residual operation characteristic     A       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     max     °C     +80     max     °C     +80       Max altitude     m     2000     max     °C     +80     max     °C     +80       Max altitude     m     2000     max     °C     +80     max     °C     +80       Max altitude     m     2000     max     °C     +80     max     °C     +80     °C     *	Rated operational voltage AC (IEC)		VAC	230
Residual operation characteristic     A       Rated residual current     mA     300       Short circuit rating (IEC)     kA     10       Electrical life     cycles     10000       Ambient conditions	Rated frequency		Hz	50/60
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     Max altitude     m     2000       Mechanical features     0	Rated current (In)		А	40
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       Operating position     m     2000     Mechanical features       Tightening torque for terminals     max     Nm     2       Terminals tool     max     Pz 2     Conductor section       IEC     min     mm²     2.5       Max     min     14     max     2       AWG/Kcmil     min     14     max     2       Mechanical life     cycles     20000     Veight     g     185       Frontal IP degree     IP20     IP20     IP20     IP20     IP20	Residual operation characteristic			А
Electrical life     cycles     10000       Ambient conditions     min     °C     +25       max     °C     +60       Storage temperature     min     °C     -25       max     °C     +60       Storage temperature     min     °C     -40       Max altitude     m     2000     Mechanical features       Operating position     m     2000     Mechanical features       Operating torque for terminals     mormal     Vertical plan       Fixing     35mm DIN rail     15       Terminals tool     pz 2     2       Conductor section     IEC     min     mm²     2.5       Max diffe     2     35     4WG/Kcmil     min     14       Mechanical life     cycles     20000     Veight     g     185       Frontal IP degree     IP20     IP20     IP20     IP20	Rated residual current		mA	300
Ambient conditions   min   °C   -25     Operating temperature   min   °C   -25     Max   °C   +60     Storage temperature   min   °C   -40     Max altitude   m   2000     Mechanical features   m   2000     Operating position   mormal   Vertical plan     Fixing   35mm DIN rail   35mm DIN rail     Tightening torque for terminals   max   Nm   2     Max altitude   pz 2   2   2     Conductor section   IEC   min   mm²   2.5     Max mm²   35   35   35     AWG/Kcmil   min   14   max   2     Mechanical life   cycles   20000   20000     Veight   g   185   5     Frontal IP degree   IP20   IP20   1920	Short circuit rating (IEC)		kA	10
Operating temperature     min     °C     -25       max     °C     +60       Storage temperature     min     °C     +40       Max altitude     min     °C     +80       Max altitude     m     2000     Mechanical features       Operating position     m     2000       Mechanical features     orm     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     pz 2     2       Conductor section     IEC     min     mm²     35       AWG/Kcmil     min     14     max     2       Mechanical life     cycles     20000     2       Weight     g     185     5	Electrical life		cycles	10000
min     °C     -25       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     35mm DIN rail       Tightening torque for terminals     max     Nm     2       Conductor section     Pz 2     Conductor section     Pz 2       Conductor section     IEC     min     mm²     35       AWG/Kcmil     min     14     max     2       Mechanical life     cycles     20000     2       Veight     g     185     5	Ambient conditions			
max     °C     +60       Storage temperature     min     °C     -40       max     °C     +80       Max attitude     m     2000       Mechanical features     m     2000       Operating position     mmmal     Vertical plan       Fixing     35mm DIN rail     35mm DIN rail       Tightening torque for terminals     max     Nm     2       Terminals tool     max     Nm     2       Conductor section     Ibin     15       IEC     min     mm²     35       AWG/Kcmil     min     14       max     2     2       Mechanical life     cycles     20000       Weight     g     185       Frontal IP degree     IP20     IP20	Operating temperature			
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     mm²     2.5       Max     min     14     max     2       Mechanical life     cycles     20000     2       Mechanical life     g     185     185       Frontal IP degree     IP20     IP20     1920		min	°C	-25
$\begin{array}{c cccc} & & & & & & & & & & & & & & & & & $		max	°C	+60
max     °C     +80       Max altitude     m     2000       Mechanical features     Operating position     Image: State St	Storage temperature			
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     2.5       Max dittide     min     14     max     2       Mechanical life     cycles     20000     2       Weight     g     185     185		min	°C	-40
Mechanical features     Operating position     Fixing   35mm DIN rail     Tightening torque for terminals   max   Nm   2     max   lbin   15     Terminals tool   Pz 2     Conductor section   IEC   max   mm²   35     AWG/Kcmil   min   min   14     max   2   2   2     Mechanical life   cycles   20000     Weight   g   185     Frontal IP degree   IP20   IP20		max	°C	+80
Operating position   normal   Vertical plan     Fixing   35mm DIN rail     Tightening torque for terminals   max   Nm   2     max   Nm   2   max   Ibin   15     Terminals tool   Pz 2   Conductor section   Pz 2     Conductor section   IEC   min   mm²   35     AWG/Kcmil   min   14   max   2     Mechanical life   cycles   20000   20000     Weight   g   185   1920	Max altitude		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   Max mm² 35   AWG/Kcmil min mm²   Mechanical life cycles 20000   Weight g 185   Frontal IP degree IP20	Mechanical features			
Fixing     35mm DIN rail       Tightening torque for terminals     max     Nm     2       max     Ibin     15       Terminals tool     Pz 2       Conductor section     Pz 2       AWG/Kcmil     min     mm²       AWG/Kcmil     min     14       max     2     2       Mechanical life     cycles     20000       Weight     g     185       Frontal IP degree     IP20     IP20	Operating position			
Tightening torque for terminals     max   Nm   2     max   Ibin   15     Terminals tool   Pz 2     Conductor section   IEC     Min   mm²   2.5     max   mm²   35     AWG/Kcmil   min   14     max   2     Mechanical life   cycles   20000     Weight   g   185     Frontal IP degree   IP20		normal		Vertical plan
max     Nm     2       max     Ibin     15       Terminals tool     Pz 2       Conductor section     IEC       Min     mm²       AWG/Kcmil     min       Max     2       Mechanical life     cycles       Q     185       Frontal IP degree     IP20	Fixing			35mm DIN rail
max     Ibin     15       Terminals tool     Pz 2       Conductor section     IEC     min     mm²     2.5       Max     mm²     35     35       AWG/Kcmil     min     14       max     2     2       Mechanical life     cycles     20000       Weight     g     185       Frontal IP degree     IP20	Tightening torque for terminals			
Terminals tool     Pz 2       Conductor section     IEC       min     mm²     2.5       max     mm²     35       AWG/Kcmil     min     14       max     2     2       Mechanical life     cycles     20000       Weight     g     185       Frontal IP degree     IP20		max	Nm	2
Conductor section     IEC   min   mm²   2.5     max   mm²   35     AWG/Kcmil   min   14     max   2   2     Mechanical life   cycles   20000     Weight   g   185     Frontal IP degree   IP20		max	lbin	15
IEC   min   mm²   2.5     max   mm²   35     AWG/Kcmil   min   14     max   2     Mechanical life   cycles   20000     Weight   g   185     Frontal IP degree   IP20	Terminals tool			Pz 2
min     mm²     2.5       max     mm²     35       AWG/Kcmil     min     14       max     2       Mechanical life     cycles     20000       Weight     g     185       Frontal IP degree     IP20	Conductor section			
max     mm²     35       AWG/Kcmil     min     14       max     2       Mechanical life     cycles     20000       Weight     g     185       Frontal IP degree     IP20	IEC			
AWG/Kcmil   min   14     max   2     Mechanical life   cycles   20000     Weight   g   185     Frontal IP degree   IP20		min	mm²	2.5
min14max2Mechanical lifecycles20000Weightg185Frontal IP degreeIP20		max	mm²	35
max2Mechanical lifecycles20000Weightg185Frontal IP degreeIP20	AWG/Kcmil			
Mechanical lifecycles2000Weightg185Frontal IP degreeIP20		min		
Weight g 185   Frontal IP degree IP20		max		
Frontal IP degree IP20	Mechanical life		cycles	20000
	Weight		g	185
Pollution degree 2				
	Pollution degree			2



