

**ENERGY AND AUTOMATION** 



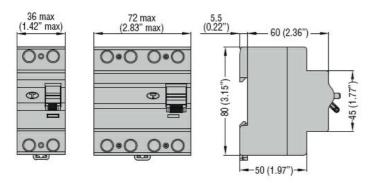
Product type designation         + Fix (RCCB)           Product type designation         + P1 RC           Number of DIN modules         4           Compliance         + E2           Electrical features         + W4           Rated inpulse withstand voltage UIFC/EN         V 400           Rated inpulse withstand voltage UImp         kV         4           Rated operational voltage AC (IEC)         VAC         200/400           Rated current (In)         A         6           Residual operation characteristic         B         A         63           Rated conditional short-circuit current (Inc)         kA         10         1         1         63         1         1         63         1         1         63         1         1         63         1         1         63         1         1         63         1         1         63         1         2         1         1         63         1         2         1         1         63         1         2         1         2         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1								
Product tye designation				Residual current				
RCCB  P1 RC Number of poles	Product designation							
Number of DNR modules         4 P           Number of DNR modules         1 EC           Compliance         1 EC           Electrical features         V         400           Rated insulation voltage Uil EC/EN         V         4           Rated insulation voltage Uimp         kV         4           Rated operational voltage AC (IEC)         VAC         230/400           Rated operation characteristic         A         63           Residual operation characteristic         MA         30           Rated cresidual current         mA         30           Rated cresidual current         mA         30           Rated conditional short-circuit current (Inc)         kA         10           Ambient conditions         max         *C         +70           Storage temperature         min         *C         40           Max altitude         m         200           Mcchanical features         min         *C         40           Operating position         mormal         *C         40           Fixing         min         *M         1.8         1.8         1.8         1.8         1.8         1.8         1.8         1.8         1.8         1.8	•			(RCCB)				
Number of DIN modules         4           Corpliance         IEC           Electrical features         V         400           Rated insulation voltage UI IEC/EN         VX         200           Rated insulation voltage LOTIEC/EN         VX         230/400           Rated operational voltage AC (IEC)         VXC         230/400           Rated frequency         Hz         50/60           Rated frequency         R         A         63           Residual operation characteristic         R         B           Rated residual current         mA         30           Rated conditional short-circuit current (Inc)         kA         10           Ambient conditional         min         °C         -35           Rated residual current         min         °C         -40           Rated conditional short-circuit current (Inc)         min         °C         -45           Rated conditional short-circuit current (Inc)         min         °C         -35           Rated conditional short-circuit current (Inc)         min         °C         -40           Ambient conditions         min         °C         -40           Residual operation characteristic         min         °C         -40	Product type designation			P1 RC				
Compliance   IEC   IEC	Number of poles			4P				
Electrical features         V         400           Rated insulation voltage Uir IEC/EN         kV         4           Rated operational voltage AC (IEC)         VAC         230/400           Rated operational voltage AC (IEC)         VAC         230/400           Rated operation voltage Uir IEC/EN         Hz         50/60           Rated current (In)         A         63           Rated residual current         mA         30           Rated conditional short-circuit current (Inc)         kA         10           Ambient conditions           Operating temperature           Image: Storage temperature           Max altitude         min         °C         -35           Max altitude         m         2000           Metabolical features           Operating position         normal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals           IEC         min         Nm         1.8           Max altitude         min         Nm         1.8           Terminals tool         p2 2         2           Conduc	Number of DIN modules			4				
Rated insulation voltage Uir IEC/EN         V         400           Rated impulse withstand voltage Uirop         kV         4           Rated operational voltage AC (IEC)         VAC         230/400           Rated operational voltage AC (IEC)         VAC         230/400           Rated frequency         HZ         50/60           Rated courrent (In)         A         63           Residual operation characteristic         B         A         10           Rated residual current         mA         30         40         30         30         30         30         30         40         30         30         30         30         30         30         30         30         30         30         30         30 <td>Compliance</td> <td></td> <td></td> <td>IEC</td>	Compliance			IEC				
Rated impulse withstand voltage Uimp         kV         4           Rated operational voltage AC (IEC)         VAC         230/400           Rated poperational voltage AC (IEC)         VAC         230/400           Rated current (In)         A         63           Residual operation characteristic         B         B           Rated residual current         mA         30           Rated conditional short-circuit current (Inc)         kA         10           Ambient conditions         wa         10           Operating temperature         min         °C         -35           Max altitude         m         2000           Mechanical features         max         °C         -40           Operating position         normal         vertical plan           Fixing         s5mm DIN rail           Tightening torque for terminals         min         Nm         1.8           min         nax         Nm         2           Terminals tool         max         pz 2           Conductor section         min         mm         nm         2.5           AWG/Kcmil         min         nm         nm         2.5           min         min         min	Electrical features							
Rated operational voltage AC (IEC)         VAC         230/400           Rated frequency         Hz         50/60           Rated current (In)         A         63           Residual operation characteristic         B           Rated residual current         mA         30           Rated conditional short-circuit current (Inc)         kA         10           Ambient conditions         TO         -35           Operating temperature         min         °C         -35           Storage temperature         min         °C         -40           Max attitude         m         2000           Mechanical features         mm         2000           Operating position         normal         Vertical plan           Fixing         35mm DIN rail         18           Tightening torque for terminals         min         Nm         1.8           max         nm         2         2           Conductor section         max         lbin         17.7           Terminals tool         min         mm         2.5           AWG/Kcmil         min         mm         2.5           AWG/Kcmil         min         mm         3.5           Front	Rated insulation voltage Ui IEC/EN		V	400				
Rated frequency         Hz         50/60           Rated current (In)         A         63           Residual operation characteristic         B           Rated conditional short-circuit current (Inc)         kA         10           Ambient conditions           Operating temperature           min °C -35 max °C +70           Storage temperature           min °C -40 max °C 80           Max altitude         m         2000           Mechanical features           Operating position         normal         Vertical plan           Fixing         normal         Vertical plan           Tightening torque for terminals         min max Nm 2         1.8           Max Nm 2         2           Conductor section         pz 2           LEC         min mm² blin 16 max blin 17.7           Terminals tool         min mm² blin 17.7           AWG/Kcmil         min mm² blin 14 max 2         2           Meight         g 335           Frontal IP degree         IP20           Pollution degree         IP20	Rated impulse withstand voltage Uimp		kV	4				
Rated current (In)         A         63           Residual operation characteristic         B           Rated residual current         mA         30           Rated conditional short-circuit current (Inc)         kA         10           Ambient conditions         Operating temperature           min         °C         -35           max         °C         +70           Storage temperature         min         °C         -40           Max altitude         m         2000           Mechanical features         Operating position           Fixing         Tightening torque for terminals           min         Nm         1.8           max         Nm         2           min         Ibin         16           max         Ibin         17.7           Terminals tool         EC           Conductor section         IEC         min         mm         mm         2.5           AWG/Kcmil         min         mm         mm         35           Weight         g         335           Frontal IP degree         IP20           Pollution degree         2	Rated operational voltage AC (IEC)		VAC	230/400				
Residual operation characteristic         B           Rated residual current         mA         30           Rated conditional short-circuit current (Inc)         kA         10           Ambient conditions         Operating temperature           Storage temperature         min or C or -35 max or C or -470           Storage temperature         min or C or -40 max or C or 80           Max altitude         m or 2000           Mechanical features           Operating position         normal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals         min ormal or	Rated frequency		Hz	50/60				
Rated conditional short-circuit current (Inc)         mA         30           Ambient conditions         kA         10           Ambient conditions           Operating temperature           min         °C         -35           max         °C         +70           Storage temperature           min         °C         -40           max         °C         80           Max altitude         m         2000           Mechanical features           Operating position         normal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals         min         Nm         1.8           max         Nm         2         normal         Pz 2           Terminals tool         min         Nm         1.8         normal         Pz 2           Conductor section         IEC         min         mm²         2.5         normal         mm²         2.5         normal<	Rated current (In)		Α	63				
Rated conditional short-circuit current (Inc)         kA         10           Ambient conditions           Operating temperature         min or conditions o	Residual operation characteristic			В				
Ambient conditions	Rated residual current		mA	30				
Min	Rated conditional short-circuit current (Inc)		kA	10				
Min   No   No   No   No   No   No   No   N	Ambient conditions							
Terminals tool         IEC         IEC         IEC         IEC         IEC         AWG/Kcmil         IEC         IAG         AWG/Kcmil         IAG         AWG/Kcmil         IAG         AWG/Kcmil         Vertical plan         Vertical plan         Somm DIN rail         IAG         IAG <th <="" colspan="4" td=""><td>Operating temperature</td><td></td><td></td><td></td></th>	<td>Operating temperature</td> <td></td> <td></td> <td></td>				Operating temperature			
Storage temperature         min min max of colspan="4"		min	°C	-35				
Max altitude         min max         °C vocation         80           Mechanical features           Operating position         normal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals         min min min lbin lon lon max         1.8 max lbin lon lon max           Terminals tool         p2 2           Conductor section         IEC         min mm mm² lon mm² lon max         2.5 max mm² lon max         35           AWG/Kcmil         min max lon max         2         2           Weight         g 335         35           Frontal IP degree         IP20         IP20           Pollution degree         IP20		max	°C	+70				
Max altitude         m         2000           Mechanical features           Operating position         normal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals         min         Nm         1.8           max         Nm         2           min         lbin         16           max         lbin         17.7           Terminals tool         pz 2           Conductor section         min         mm         35           AWG/Kcmil         min         mm         35           AWG/Kcmil         min         14         max         2           Weight         g         335           Frontal IP degree         IP20           Pollution degree         IP20	Storage temperature							
Max altitude         m         2000           Meghan ical features           Operating position         normal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals         min         Nm         1.8           max         Nm         2           min         lbin         16           max         lbin         17.7           Terminals tool         Pz 2           Conductor section         IEC           Max         mm²         2.5           max         mm²         35           AWG/Kcmil         min         14           weight         g         335           Frontal IP degree         IP20           Pollution degree         2		min	°C	-40				
Mechanical features           Operating position           Fixing         35mm DIN rail           Tightening torque for terminals           min Nm		max	°C	80				
Operating position         Normal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals           min         Nm         1.8           max         Nm         2           min         lbin         16           max         lbin         17.7           Terminals tool         Pz 2           Conductor section           IEC         min         mm²         2.5           max         mm²         35           AWG/Kcmil         min         max         14           max         2         2           Weight         g         335           Frontal IP degree         IP20           Pollution degree         1P20	Max altitude		m	2000				
Fixing         35mm DIN rail           Tightening torque for terminals         min Nm 1.8 max Nm 2 min 1bin 16 max 1bin 17.7           Terminals tool         Pz 2           Conductor section         min mm mm² 2.5 max mm² 35           AWG/Kcmil         min min mm² 14 max 2           Weight         g 335           Frontal IP degree         IP20           Pollution degree         IP20	Mechanical features							
Fixing         35mm DIN rail           Tightening torque for terminals           min Nm Nm 1.8 max Nm 2 min lbin 16 max lbin 17.7           Terminals tool         Pz 2           Conductor section           IEC         min mm² 2.5 max mm² 35           AWG/Kcmil         min mm² 2         2.5 max 2.5         35           AWG/Kcmil         min max 2         2         335           Frontal IP degree         IP20         Pollution degree         IP20	Operating position							
Tightening torque for terminals		normal		Vertical plan				
Min   Nm   1.8   max   Nm   2   min   lbin   16   max   lbin   17.7	Fixing			35mm DIN rail				
Max Nm   2   min   lbin   16   max   lbin   17.7	Tightening torque for terminals							
Max   Ibin   16   17.7   17.		min	Nm	1.8				
Terminals tool   Pz 2		max	Nm	2				
Terminals tool		min	Ibin	16				
Conductor section   IEC   min mm² 2.5   max mm² 35		max	lbin	17.7				
Frontal IP degree   IEC	Terminals tool			Pz 2				
Min min mm² mm² max         2.5 max         35           AWG/Kcmil         min min max         14 max           Weight         g 335           Frontal IP degree         IP20           Pollution degree         2	Conductor section							
AWG/Kcmil         max         mm²         35           min max         14         2           Weight         g         335           Frontal IP degree         IP20           Pollution degree         2	IEC							
AWG/Kcmil           min max         14 max         2           Weight         g 335           Frontal IP degree         IP20           Pollution degree         2		min						
min max         14 max         2           Weight         g 335           Frontal IP degree         IP20           Pollution degree         2		max	mm²	35				
Weight         g         335           Frontal IP degree         IP20           Pollution degree         2	AWG/Kcmil							
Weightg335Frontal IP degreeIP20Pollution degree2		min						
Frontal IP degree IP20 Pollution degree 2		max						
Pollution degree 2			g					
<u> </u>								
Dimensions				2				
	Dimensions							





**electric** RESIDUAL CURRENT OPERATED CIRCUIT BREAKER, 4 MODULES, 4P - TYPE B, 63A, 30MA

**ENERGY AND AUTOMATION** 



## Certifications and compliance

Compliance

IEC/EN/BS 61008-1

IEC/EN/BS 62423

Certifications

TÜV-SUD

## ETIM classification

ETIM 8.0

EC000003 -Residual current circuit breaker (RCCB)