

# Miniature Circuit Breaker (MCB)

## RPH Series



### Feature:

- Overload & instantaneous protection
- Comply with IEC60947-2
- Window display for ON/OFF status
- Din-rail TH35mm tool free installation

### Ordering Code

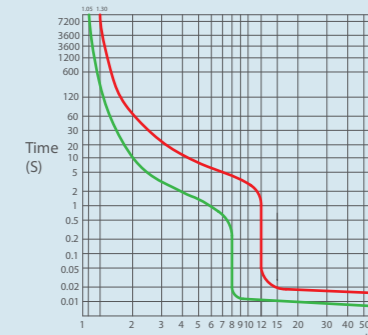
RPH	Pole		In		Breaking Capacity		Standard	
	1P	1P	80A	080	10kA	H	IEC60947-2	B
	2P	2P	100A	100				
	3P	3P	125A	125				
	4P	4P						

Ex. ORPH2P080HB  
**RPH 2P 80A 10kA IEC60947-2**

### Specification

Model	RPH
Frame size	125AF
Rated current (A)	80, 100, 125A
Tripping characteristics	10In
Poles	1, 2, 3, 4P
Ui	690V
Uimp	6kV
Ue (AC)	1P (2~4P) 240/415V (415V)
Breaking capacity (Icu/Ics)	10kA / 7.5kA
Trip Unit	Thermal magnetic
Mechanical life	10,000 operations
Protection	Overload, Instantaneous
Standard	IEC60947-2

### Characteristics Curve



Item		Rated Voltage (V)	Rated Current (A)	Width (mm)	Wiring Diagram
Auxiliary Switch (AX)	VAC	415	3	9	
	VDC	125	1		
Alarm Switch (AL)	VAC	415	3	9	
	VDC	125	1		
Shunt Trip (SHT)	VAC	220~415 110~220	3	18	
	VDC	24~48 12~24			
Under Voltage Trip (UVT)	VAC	170 ± 5%	3	18	
Over Voltage Trip (OVT)	VAC	280 ± 5%	3	18	
Over-under Voltage Trip (OUVT)	VAC	170 ± 5% 280 ± 5%	3	18	

- Note: 1. Those accessories are suitable only for RPC 63AF product.  
 2. All accessories are installed on the left.  
 3. AX and AL can be installed up to 4 units at once.

Distributor

B190320E.RPS-MCB.3F

#### Breaker & switchgears overseas sales dept.

3F, No.9, Sec. 1, Chang-an E. Rd., Zhongshan Dist., Taipei City 10441, Taiwan  
 T. +886-2-2541-9822 F. +886-2-2581-2665  
 e-mail. b.export@seec.com.tw  
<http://circuit-breaker.seec.com.tw>

#### Headquarters

16F, No.88, Sec. 6, Zhongshan N. Rd., Shilin Dist., Taipei City 11155, Taiwan  
 T. +886-2-2834-2662 F. +886-2-2836-6187  
<http://www.seec.com.tw>

Shihlin Electric All Rights Reserved



# Miniature Circuit Breaker

**RP**  
 SERIES  
 CE



Breaker & switchgears overseas Sales dept.  
<http://circuit-breaker.seec.com.tw>



Headquarters  
<http://www.seec.com.tw>

# Miniature Circuit Breaker (MCB)

## RPC Series



### Feature:

- Overload & instantaneous protection
- Comply with IEC 60898-1 & IEC60947-2
- Window display for ON/OFF status
- Din-rail TH35mm tool free installation

### Ordering Code

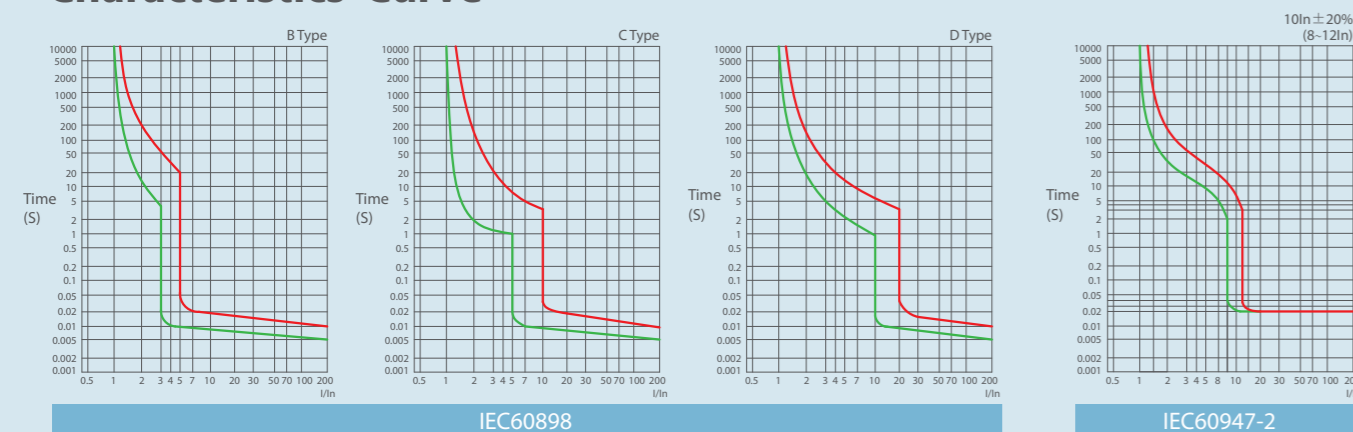
ORPC	Pole	In	Instantaneous Curve	Breaking Capacity	Standard
	1P   1P	6A   006	B-Type   B	6kA   C	IEC60898   A
	2P   2P	10A   010	C-Type   C	10kA   H	IEC60947-2   B
	3P   3P	16A   016	D-Type   D		
	4P   4P	20A   020			
		25A   025			
		32A   032			
		40A   040			
		50A   050			
		63A   063			

Ex. ORPC1P010BCA  
**RPC 1P C10 6kA IEC60898**

### Specification

Model	RPC
Frame size	63AF
Rated current (A)	6, 10, 16, 20, 25, 32, 40, 50, 63A
Tripping characteristics	B(3-5In), C(5-10In), D(10-20In) Type
Poles	1, 2, 3, 4P
Ui	500V
Uimp	6kV
Ue (AC)	1P(2-4P) 240/415V (415V)
Breaking capacity	IEC60898-1: Icn 6kA / 10kA IEC60947-2: Icu 6kA / 10kA Ics=75%Icu
Trip Unit	Thermal magnetic
Mechanical life	20,000 operations
Protection	Overload, Instantaneous
Standard	IEC60898-1, IEC60947-2

### Characteristics Curve



# Residual-Current Circuit Breaker (RCCB)

## RPV Series



### Feature:

- Leakage protection
- Comply with IEC61008-1
- Window display for ON/OFF status and leakage indicator
- Leakage test bottom
- Din-rail TH35mm tool free installation

### Ordering Code

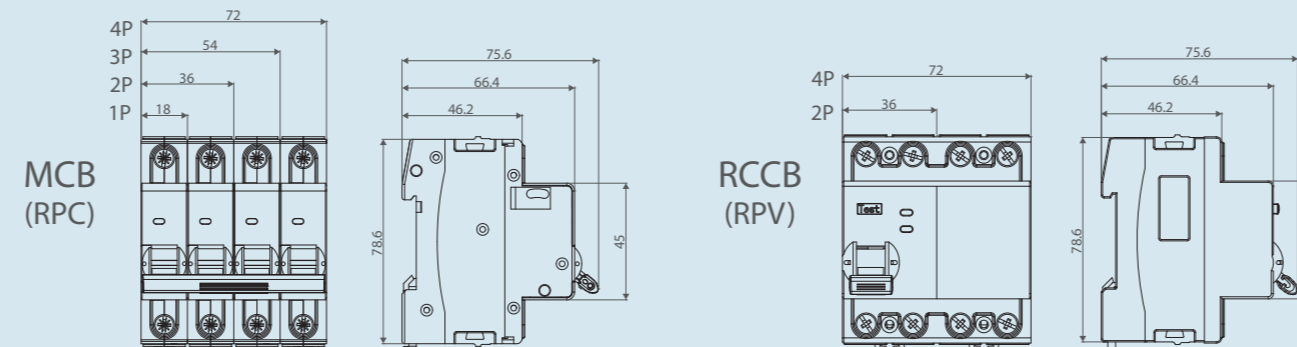
ORPV	Pole	In	Breaking Capacity	Residual Current Type	Rated residual current
	1P+N (L)   N1	16A   016	6kA   C	A   A	10mA   10
	3P+N (L)   N3	20A   020	10kA   H	AC   C	15mA   15
	1P+N (R)   1N	25A   025			30mA   30
	3P+N (R)   3N	32A   032			100mA   01
		40A   040			300mA   03
		63A   063			

Ex. ORPVN3025CA15  
**RPV 3P+N(L) 25A 6kA A-Type 15mA**

### Specification

Model	RPV
Frame size	63AF
Rated current	16, 20, 25, 32, 40, 63A
Tripping characteristics	-
Poles	1P+N, 3P+N
Ui	500V
Uimp	4kV
Ue (AC)	2P 240V 4P 415V
Residual current off time	≤ 0.1 sec.
Breaking capacity (Ic)	6kA / 10kA
Trip Unit	Electro-magnetic
Rated residual current	Operation I△n 10, 15, 30, 100, 300mA (63A does not have 10, 15mA) Non-operation I△n 0.5I△n
Mechanical life	10,000 operations
Protection	Leakage
Standard	IEC61008-1

### Dimension (mm)



# Residual Current Circuit Breaker with Overcurrent Protection (RCBO)

## RPL Series



### Feature:

- Overload, instantaneous & Leakage protection
- Comply with IEC 61009-1
- Window display for leakage indicator
- Leakage test bottom
- Din-rail TH35mm tool free installation

### Ordering Code

ORPL	Pole	In	Instantaneous Curve	Breaking Capacity	Residual Current Type	Rated residual current
	1P+N   N1	6A   006	C-Type   C	6kA   C	A   A	10mA   10
		10A   010	D-Type   D		AC   C	15mA   15
		16A   016				30mA   30
		20A   020				100mA   01
		25A   025				300mA   03
		32A   032				
		40A   040				
		50A   050				
		63A   063				

Ex. OPRLN1010CCC01  
**RPL 1P+N C10 6kA AC-type 100mA**

### Specification

Model	RPL
Frame size	63AF
Rated current	6, 10, 16, 20, 25, 32, 40, 50, 63A
Tripping characteristics	C(5-10In), D(10-20In) Type
Poles	1P+N
Ui	500V
Uimp	4kV
Ue (AC)	1P+N 240V
Residual current off time	≤ 0.1 sec.
Breaking capacity (Icn)	6kA
Trip Unit	Electronic
Rated residual current	Operation I△n 10, 15, 30, 100, 300mA Non-operation I△n 0.5I△n
Mechanical life	10,000
Protection	Overload, Instantaneous, Leakage
Standard	IEC61009-1

### Dimension (mm)

