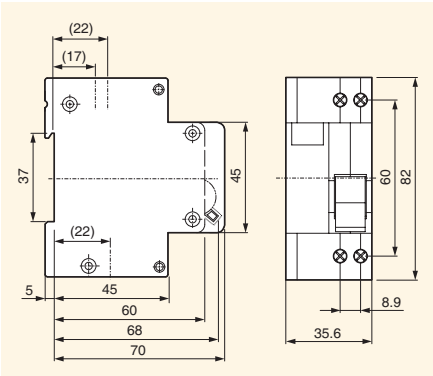
Residual current circuit breakers

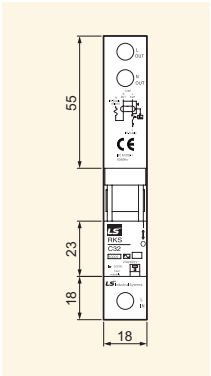
2 and 4 pole series up to 63AF

Tipo		RCBO							
		RKP	RKS	RKS-b	RKC	32KGRc	32KGRd	32GRhc	32GRhd
Protection		Ground fault and overcurrent	Ground fault and overcurrent		Ground fault and overcurrent	Ground fault and overcurrent		Ground fault and overcurrent	
Rated current, In		3 (C, D curve), 6, 10, 16, 20, 25, 32A (B, C, D curve)	6, 10, 16, 20, 25, 32A (40, 50A) (B, C curve)		6, 10, 16, 20, 25, 32A (B, C curve)	15, 20, 30A		15, 20, 30A	
Rated residual current									
	Operating, I△n	30, 100, 300mA (non-adjustable)	30, 100mA (non-adjustable)		10, 30mA (non-adjustable)	15, 30mA (non-adjustable)		15, 30mA (non-adjustable)	
	Non-operating, I△no	0.5I△n	0.5I△n		0.5I△n	0.5I△n		0.5I△n	
Number of poles		1P+N	1P+N		1P+N	2 polo		2 polo	
Rated voltage		230 VAC	230 VAC	240 VAC	240 VAC	110/220 VAC		110/220 VAC	
Residual current off-time		≤0.1 sec.	≤0.3 sec.		≤0.01 sec.	≤0.03 sec.		≤0.03 sec.	
Standard		IEC 61009	IEC 61009		IEC 61009	IEC 61009, KS		KS	
Approval		CCC, CQC CB, SABS, CE	SEMKO CB, SABS, CE	SEMKO CB, CE	BV CB	CCC		-	
Type of trip									
	Ground fault	Electronic	Electronic		Electronic	Electronic		Electronic	
	Overcurrent	Thermal-magnetic	Thermal-magnetic		Thermal-magnetic	Bimetallic		Bimetallic	
Breaking capacity		4.5kA	10kA		6kA (32A 4.5kA)	1.5kA	2.5kA	1.5kA	2.5kA
Conditional short circuit capacity		-	-		-	-		-	
Endurance	Electrical	4,000 operations	4,000 operations		4,000 operations	4,000 operations		4,000 operations	
	Mechanical	10,000 operations	10,000 operations		10,000 operations	10,000 operations		10,000 operations	
Mount		On 35mm DIN rail	On 35mm DIN rail		On 35mm DIN rail	On 35mm DIN rail / Screw		On 35mm DIN rail / Screw	
Width		35.6mm	18mm		18mm	35mm		33mm	
Terminal		Lug type (cable up to 10mm²)	Lug type (cable up to 10mm²)		Lug type (cable up to 10mm²)	Screw clamp type (cable up to 5.5mm²)		Screw clamp type (cable up to 5.5mm²)	
Type of operation		-	-		A/AC	-		-	
Dimension		See drawing 1	See drawing 2	See drawing 3	See drawing 4	See drawing 5		See drawing 6	
Characteristic curve		See page 7 (curve 1)	See page 7 (curve 1)		-	See page 3		See page 4	

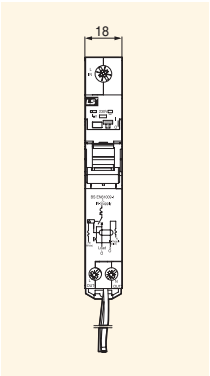
Drawing 1: Type RKP



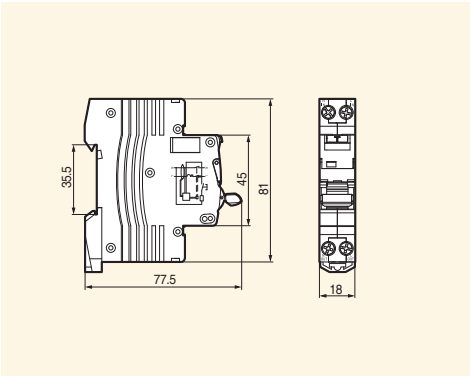
Drawing 2: Type RKS



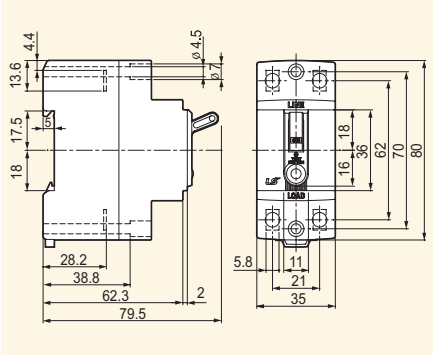
Drawing 3: Type RKS-b



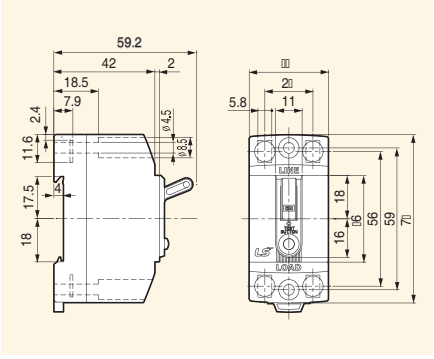
Drawing 4: Type 32KGRc & 32KGRd



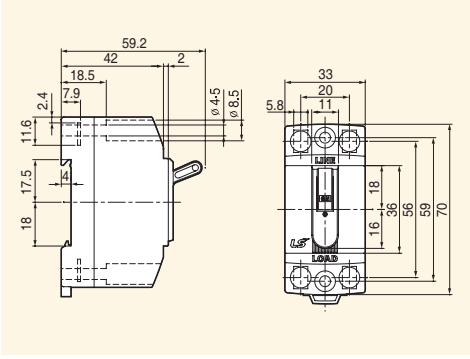
Drawing 5: Type 32GRhc & 32GRhd



Drawing 6: Type BS



Drawing 7: Type RKN



RKS type

RKS 1+N

Certificate
CE

Technical data

Standard	Confirming to IEC 61009
Protection	Ground fault and overcurrent
Rated current In	6, 10, 16, 20, 25, 32A
Rated voltage	230VAC
Breaking capacity	10kA
Characteristic	B, C Curve
Rated residual operating current(mA)	30,100
Number of poles	1P+N
Type of trip	Electronic (Ground fault) Thermal-magnetic (Overcurrent)
Type of terminal	Lug type
Terminal capacity	Cables up to 10mm²
Installation	35mm DIN rail
Width	18mm
Electrical endurance	4,000cycles
In	
Endurance	
Max. frequency (Cycles/hour)	

Catalog No.

RKS B Curve

In	$I_{\Delta n}$	Model	Catalog No.	Pack. unit (Pcs.)
6A	30mA	RKS -B6-1+N/30mA	06220395R0	50
	100mA	RKS -B6-1+N/100mA	06220396R0	50
10A	30mA	RKS -B10-1+N/30mA	06220397R0	50
	100mA	RKS -B10-1+N/100mA	06220398R0	50
16A	30mA	RKS -B16-1+N/30mA	06220399R0	50
	100mA	RKS -B16-1+N/100mA	06220400R0	50
20A	30mA	RKS -B20-1+N/30mA	06220401R0	50
	100mA	RKS -B20-1+N/100mA	06220402R0	50
25A	30mA	RKS -B25-1+N/30mA	06220403R0	50
	100mA	RKS -B25-1+N/100mA	06220404R0	50
32A	30mA	RKS -B32-1+N/30mA	06220405R0	50
	100mA	RKS -B32-1+N/100mA	06220406R0	50

RKS C Curve

In	$I_{\Delta n}$	Model	Catalog No.	Pack. unit (Pcs.)
6A	30mA	RKS -C6-1+N/30mA	06220407R0	50
	100mA	RKS -C6-1+N/100mA	06220408R0	50
10A	30mA	RKS -C10-1+N/30mA	06220409R0	50
	100mA	RKS -C10-1+N/100mA	06220410R0	50
16A	30mA	RKS -C16-1+N/30mA	06220411R0	50
	100mA	RKS -C16-1+N/100mA	06220412R0	50
20A	30mA	RKS -C20-1+N/30mA	06220413R0	50
	100mA	RKS -C20-1+N/100mA	06220414R0	50
25A	30mA	RKS -C25-1+N/30mA	06220415R0	50
	100mA	RKS -C25-1+N/100mA	06220416R0	50
32A	30mA	RKS -C32-1+N/30mA	06220417R0	50
	100mA	RKS -C32-1+N/100mA	06220418R0	50