

## Residual current circuit breaker(RCCB)

### RKN



#### General

Product Code	06220444R0
Product Description	RKN 1P+N 25A 30mA A-TYPE NEW ROGY
[In] Rated current	25A
[Ue] rated operational voltage	240V
Poles description	1P+N
Number of protected poles	-
Network type	AC (50/60 Hz)
Type of trip	Electro-magnetic
Neutral position	Right
Earth-leakage sensitivity	30mA
Residual current off-time	≤0.1sec.
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	A-TYPE

#### Characteristics

Max. operating voltage Ub max.	253 V AC
Min. operating voltage Ub min.	195 V AC

[Uimp] rated impulse withstand voltage	4 kV
[Ui] rated insulation voltage	500 V
Residual current tripping technology	Voltage independent
Rated breaking and making capacity	500A
Rated residual breaking and making capacity	500A
[Inc] rated conditional short-circuit current	6000A
Contact position indicator	Yes
Mechanical durability	10000 cycles
Electrical durability (AC)	4000 cycles
Electrical durability (DC)	-
Utilisation category	-
Suitability for isolation	Yes
Reference standard	IEC 61008-1
[Icu] rated Ultimate short-circuit breaking capacity	-
[Icn] rated short-circuit breaking capacity(IEC/EN 60898)	-
[Ics] rated service breaking capacity	-
[Icw] rated short-time withstand current	-
Thermomagnetic release characteristic(IEC/EN 60898)	-
[Ii] Instantaneous pick-up adjustment range	-

## Environment

Pollution degree	3
Degree of protection	IP20, IEC 60529
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °C
Relative humidity	95% at 55°C
Mounting	on DIN rail EN 60715(35mm) by means of fast clip device
Mounting mode	Fixed
Terminal type	Lug type
Terminal size top/bottom for cable	35mm <sup>2</sup> /35mm <sup>2</sup>
Terminal size top/bottom for busbar	
Tightening torque	2.5 N
Approvals <sup>1)</sup> (General)	CE (Europe)
	-
	CCC (China)
	EAC (Russia)
	-
	SNI (Indonesia)
	-
	RCM(Australia)
Approvals (Marine)	-
	-
	-
	-
	-
	-
	-

1) LS ELECTRIC's standard products are designed for CE.

To check the product with regional certificates, please contact LSE sales representatives.

## Dimensions

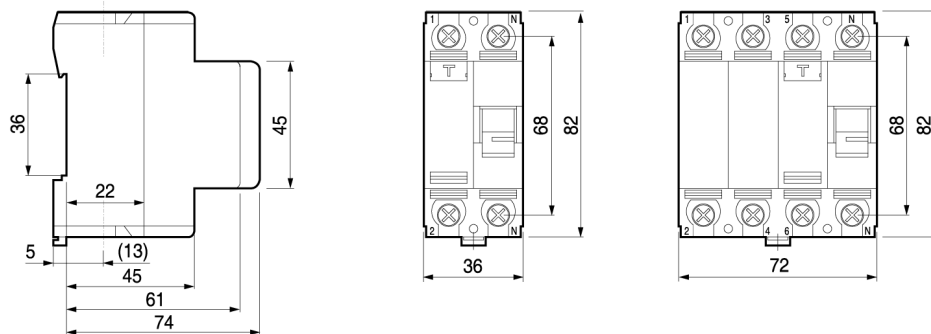
Product	Width	35.6 mm
	Depth	68 mm
	Height	81 mm
	Weight	0.19 kg
Inner Packing	Width	100 mm
	Depth	90 mm
	Height	40 mm
	Weight	0.22 kg
	Quantity (in a box)	1 pcs.
Outer Packing	Width	530 mm
	Depth	195 mm
	Height	245 mm
	Weight	14 kg
	Quantity (in a box)	60 pcs.

## Combination with auxiliary elements

Combination with	Auxiliary elements	No
Combination with	Signal contact/auxiliary switch contact	No
Combination with	Shunt trip	No
Combination with	UVT/OVT release	No

## Overall dimensions<sup>2)</sup>

RKN



Note. ( ) 63AF.

2) Please multiple the number of poles when calculating the product width(W).