Product Data Sheet Characteristics

Residual current circuit breaker(RCCB)

RKN



General

Product Code	06220453R0
Product Description	RKN 1P+N 63A 30mA A-TYPE NEW ROGY
[In] Rated current	63A
[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	630A
Rated residual breaking and making capacity	630A
[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	35mm2/35mm2
Terminal size top/bottom for busbar	
Tightening torque	2.5 N
Approvals[1] (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

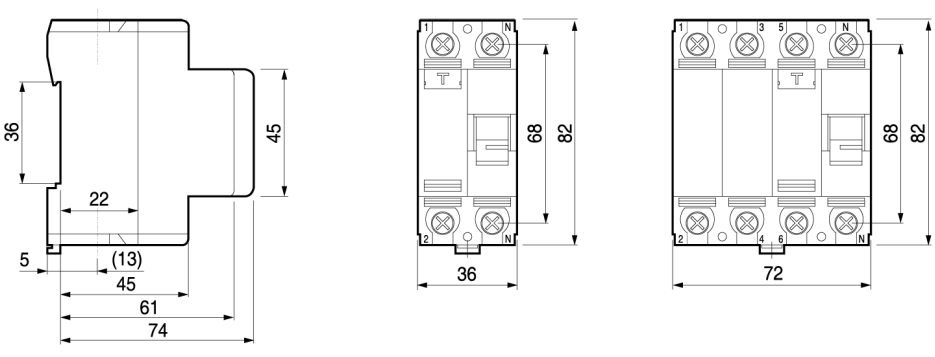
Product	Width	35.6 mm
	Depth	68 mm
	Height	81 mm
	Weight	0.19 kg
Inner Packing	Width	100 mm
	Depth	90 mm
	Height	40 mm
	Weight	0.22 kg
	Quantity (in a box)	1 pcs.
Outter Packing	Width	530 mm
	Depth	195 mm
	Height	245 mm
	Weight	14 kg
	Quantity (in a box)	60 pcs.

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[2)]

RKN



Note. ( ) 63AF.

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