

Switch-disconnector

BKD



General

Product Code	06110113R0
Product Description	BKD 1P 50A NEW ROGY
[In] Rated current	50A
[Ue] rated operational voltage	230/400V
Poles description	1P
Number of protected poles	-
Network type	AC (50/60 Hz)
Type of trip	-
Neutral position	-
Earth-leakage sensitivity	-
Residual current off-time	-
Earth-leakage protection time delay	-
Earth-leakage protection class	-

Characteristics

Max. operating voltage Ub max.	253 V AC
Min. operating voltage Ub min.	24 V AC - 24 V DC

[Uimp] rated impulse withstand voltage	6 kV
[Ui] rated insulation voltage	600 V
Residual current tripping technology	-
Rated breaking and making capacity	-
Rated residual breaking and making capacity	-
[Inc] rated conditional short-circuit current	-
Contact position indicator	-
Mechanical durability	10000 cycles
Electrical durability (AC)	1500 cycles(1000 for 125A)
Electrical durability (DC)	-
Utilisation category	AC-22A
Suitability for isolation	Yes
Reference standard	IEC 60947-3
[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	12Ie(1s)
Thermomagnetic release characteristic(IEC/EN 60898)	-
[Ii] Instantaneous pick-up adjustment range	-

Environment

Pollution degree	3
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Degree of protection	IP20, IEC 60529
Ambient air temperature for operation	-5...40 °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	50mm ² /50mm ²
Terminal size top/bottom for busbar	
Tightening torque	2.5 N
Approvals ¹⁾ (General)	CE (Europe)
	-
	CCC (China)
	EAC (Russia)
	-
	-
	-
Approvals (Marine)	-
	-
	-
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	-
	-
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1) LS ELECTRIC's standard products are designed for CE.
To check the product with regional certificates, please contact LSE sales representatives.

Dimensions

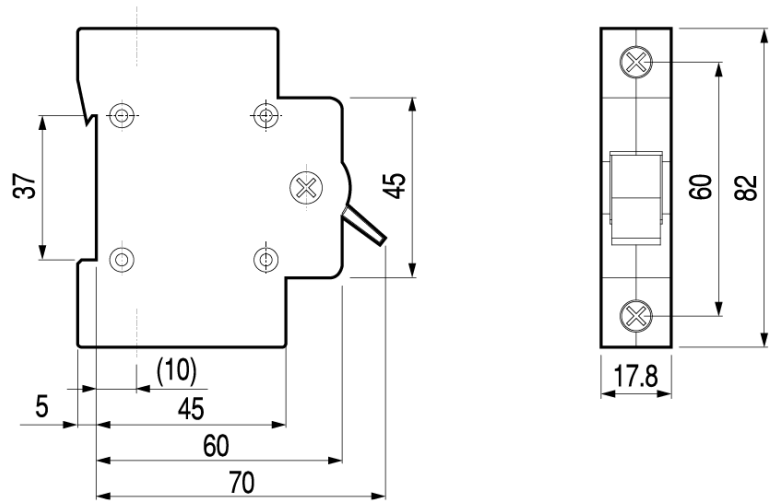
Product	Width	17.2 mm
	Depth	71 mm
	Height	81 mm
	Weight	0.09 kg
Inner Packing	Width	221 mm
	Depth	82 mm
	Height	88 mm
	Weight	1.1 kg
	Quantity (in a box)	12 pcs.
Outer Packing	Width	470 mm
	Depth	215 mm
	Height	230 mm
	Weight	12 kg
	Quantity (in a box)	120 pcs.

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 dimensions²⁾

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