Product data sheet

Specifications



Disconnect Switch, TeSys LK, nonfusible, 100A, 600V,HP rated, 3 pole, rotary handle, up to 200kA SCCR

LK4JU3N

Main

Range	TeSys
Product name	TeSys LK
Product or component type	Disconnect Switch
Disconnector device type	Non-fusible disconnect switch
Suitability for isolation	Yes

Complementary

Poles description	3P
Network type	AC DC
Network frequency	50/60 Hz
[Ie] rated operational current	100 A at 400 V AC AC-22A conforming to IEC 100 A at 400 V AC AC-23A conforming to IEC 100 A at 690 V AC AC-22A conforming to IEC 100 A at 690 V AC AC-23A conforming to IEC 100 A conforming to CSA 100 A conforming to UL
[Ue] rated operational voltage	600 V AC 50/60 Hz
[Ui] rated insulation voltage	750 V
Control type	Rotary handle
Type of operating handle	External frontal External right side
Mounting support	Plate
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC
Rated power in W	51 kW at 400 V 63 kW at 500 V 90 kW at 690 V
Rated power in hp	30 hp at 240 V 53 A AC 75 hp at 480 V 64 A AC 100 hp at 600 V 51 A AC 10 hp at 125 V 77 A DC 15 hp at 250 V 54 A DC
[Icw] rated short-time withstand current	17.6 kA
Mechanical durability	8000 cycles
Electrical durability	6000 cycles
Connections - terminals	Lugs-ring terminals 1 4 mm²
Height	160 mm
Width	180 mm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Depth	95 mm

Environment

Standards	IEC 60947-3 UL98 CSA C22.2 No 4
Product certifications	CE UL CSA

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	17.000 cm
Package 1 Width	28.000 cm
Package 1 Length	28.000 cm
Package 1 Weight	2.278 kg
Unit Type of Package 2	S04
Number of Units in Package 2	4
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	10.108 kg
Unit Type of Package 3	P06
Number of Units in Package 3	16
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	49.432 kg

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards**
EU RoHS Directive	**Compliant**
California proposition 65	**WARNING: This product can expose you to chemicals including: Styrene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov**

Use Again

Repack and remanufacture

Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**