

Product data sheet

Specifications



Switch terminal , CE: 4-pole
100A , UL: 4-pole 100A , IP20 ,
UL94 V-0

Model number: UK411

Order number: 5012.003

Technical Parameters

CE: 4-pole 100A EN 60947-7-1

UL: 4-pole 100A UL 1059

Screw Torque:

M8 ≤ 35.7 Kgf.cm M5 ≤ 20.40 Kgf.cm

M4 ≤ 12.24 Kgf.cm

Temperature Rise:

≤ 45 K

Dielectric Withstand Voltage:

3500V

Protection Class:

IP20

Flame Retardant Rating:

UL94 V-0

Safety Certifications:

CE RoHS

UL: E334233-20250626

Rated Short-Time Withstand Current:
I_{cs} KA rms Is

4.5

Instantaneous Peak Current I_{pk} KA:

20

U_i:

UL: 600V

CE: 500V

Materials

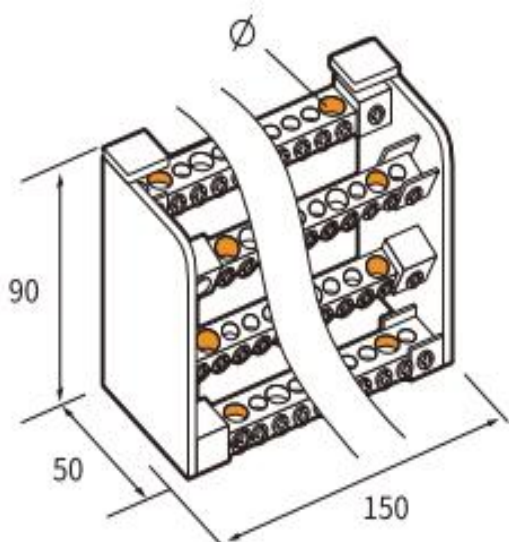
Dust Cover:	PC-V2
Body:	PA66-V0
Copper Bar:	H59 Brass, Nickel Plated
Screw:	Carbon steel, trivalent Rainbow Passivation, salt spray 48H










Purpose Description

Key features include:

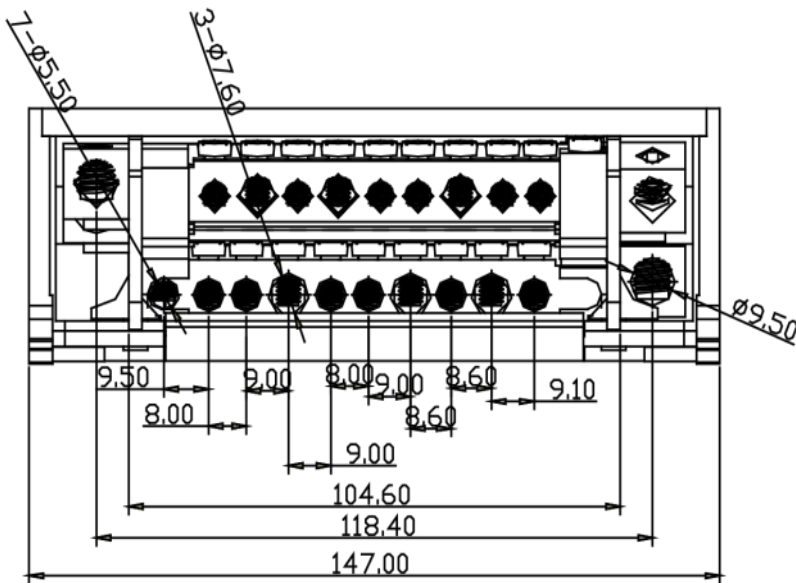
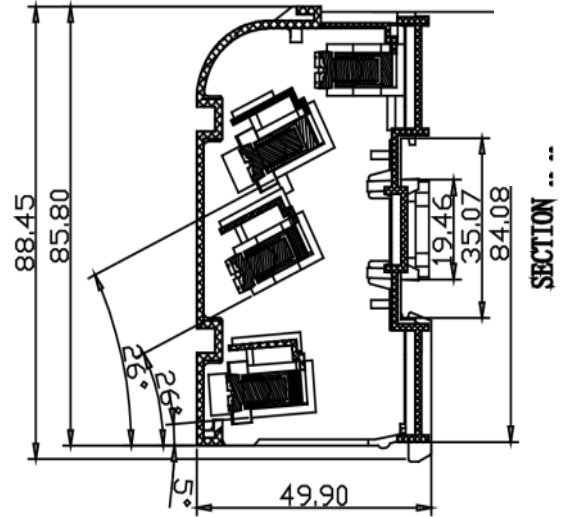
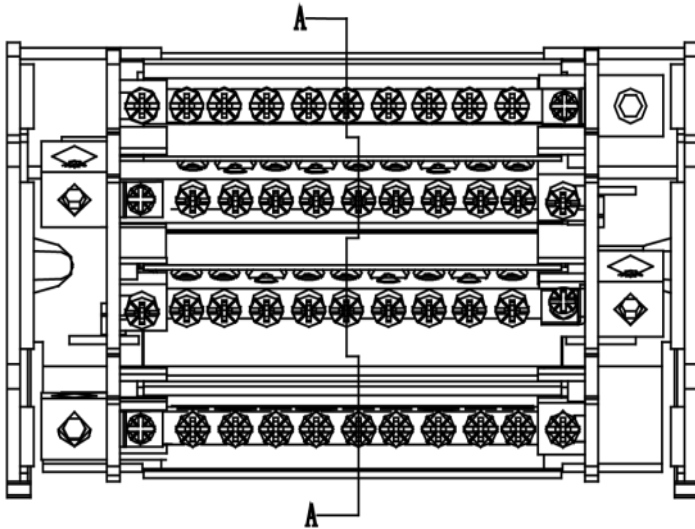
1. The mounting base is designed for standard NS35 rails, allowing direct installation on rails or base plates for quick and convenient assembly.
2. Separation of incoming and branching wires with staggered arrangement, making internal wiring more easily identifiable.
3. Compact design with multiple branching terminals, maximizing space savings for wiring.
4. Isolation barriers between every two poles to prevent short circuits caused by accidental wire contact.
5. Transparent dust cover design for insulation and electrical isolation, enabling clear visibility of internal wiring without opening the cover.

Installation Instructions



	 mm ²	 mm ²	Digi	Ø		I(N.m)
	10...35	10...25	x1	8,5		2-3
	1,5...4	0.75...4	x6	4,5		1,2-1,5
	2,5...6	1,5...6	x3	5,5		2-3

Product Drawings



LEIPOLE



EN 60947-7-1

lpk 20KA -40°C

UK
411

CE UI: 500V In: 125A

UI: 600V In: 100A

	Ø5.3	Ø7.5	Ø9.5	Ø9.5
 (staric)	1.5-6mm ²	6-16mm ²	10-16mm ²	□-25mm ²
	2.5-6mm ²	10-25mm ²	10-35mm ²	

