

Product data sheet

Specifications



Switch terminal , CE: 4-pole 160A ,
UL: 4-pole 160A , IP20 , UL94 V-0

Model number: UK412

Order number: 5012.005

Technical Parameters

CE: 4-pole 160A EN 60947-7-1

UL: 4-pole 160A UL 1059

Screw Torque: M8 \leq 35.7Kgf.cm M5 \leq 20.40Kgf.cm M4 \leq 12.24Kgf.cm

Temperature Rise: \leq 45K

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:
Icw KA rms Is 6

Instantaneous Peak Current IPk KA: 22

Ui: UL: 600V

CE: 500V

Materials

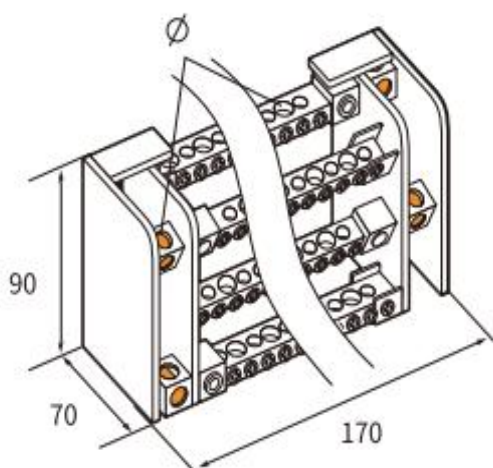
Dust Cover:	PC-V2
Body:	PA66-V0
Copper Bar:	H59 Brass, Nickel Plated
Screw:	Carbon steel, trivalent Rainbow Passivation, salt spray 48H










Purpose Description

Key features include:

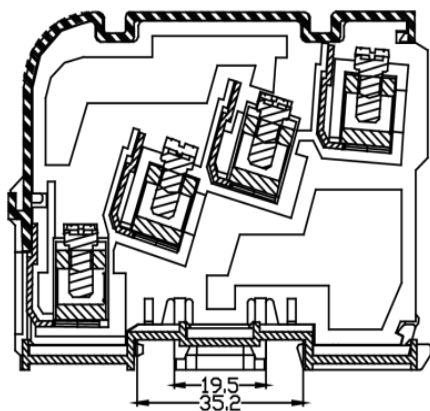
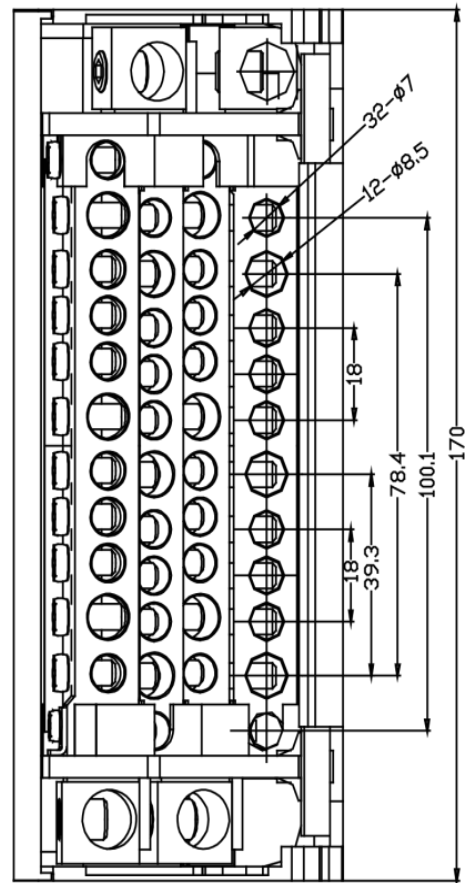
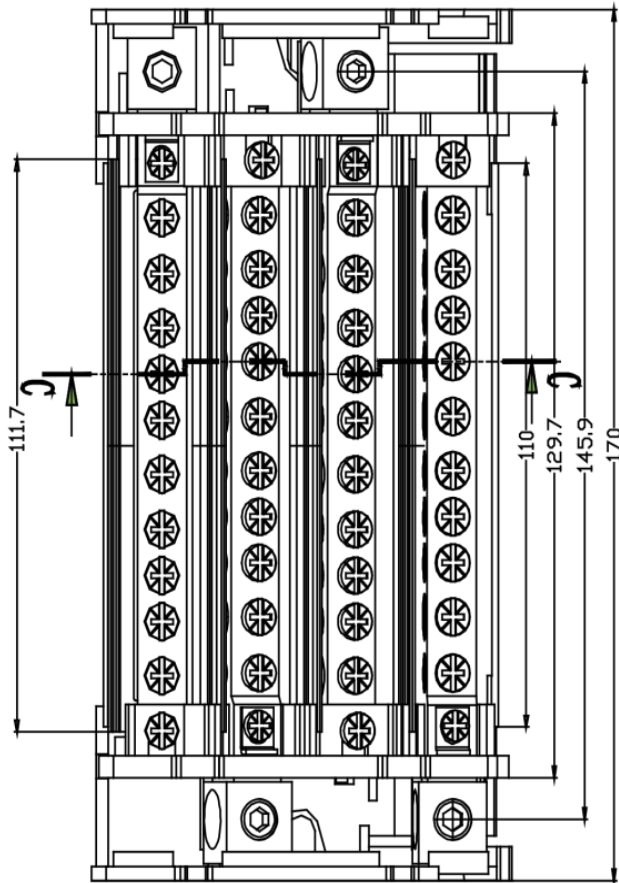
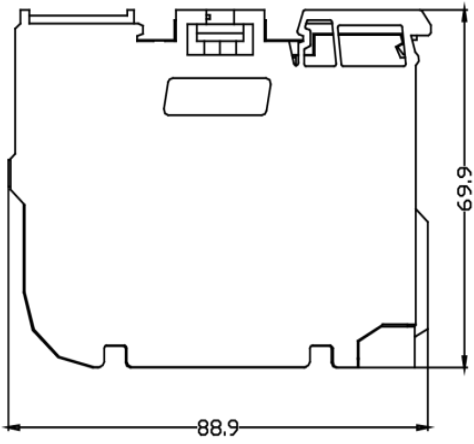
1. The mounting base is designed for standard NS35 rails, allowing direct installation on rails or base plates for quick and convenient assembly.
2. Separation of incoming and branching wires with staggered arrangement, making internal wiring more easily identifiable.
3. Compact design with multiple 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...50	10...50	x1	12		8-10
	10...35	10...25	x7	8,5		2-3
	2,5...16	1,5...16	x3	7		2-3

Product Drawings



SECTION C-C

LEIPOLE		EN 60947-7-1	
UK		IpK 22KA	
412		-40°C	
CÉ		UI: 600V In: 160A	
50VA		UI: 600V In: 160A	
Ø7.0	Ø8.5	Ø11.5	
1.5-16mm ²	10-25mm ²	10-50mm ²	
2.5-16mm ²	10-35mm ²	10-50mm ²	