



Item No	Description	Testing Standard	Color	Panel	Warranty Time (years)
Londinium-CM	Dimmer switch(500W)	IEC60669-1	White/Black/Grey/Gold	Arc/Flat	50

Technical specifications

Rated Voltage (V)	250V~
Max Power (A)	500W
Rated Frequency (Hz)	50/60Hz
Creep distance (mm)	≥3mm
Electric clearance (mm)	≥3mm
Earthing protection, 12VAC, ≤25A (Ω)	≤0.05Ω
Insulation resistance, 500VDC, 1min (Ω)	≥100MΩ (500VDC)
Temperature rising, 16A, 1hour (K)	≤ 45C°

Material

Front Plate Material	PC flame retardant v1 grade
Base Material	PC flame retardant v1 grade
Protect Door Material	PA66
Socket Copper Slide	Red Copper, Brass, Phosphor Bronze
Sliver Point Size	General: 3.5*30S、 20A: 4.0*30S、 45A: 6.0*50S



Electrical Specifications

Distance between plug and surface of socket (mm)	The center distance between the LN poles is 22mm The vertical center distance between the E pole and the LN pole is 22mm
Mechanical intensity, punching test	4kJ/m ²
Mechanical Life (times)	>15,000 times
Protection Grade	IP20
Fireproof, 850°C of glowing filament (seconds)	Panel 650°C 30minutes Base 850°C 30minutes
Heating resistance, 70°C±2°C	70°C±2°C
Ambient temperature (°C)	The ambient temperature is between -5°C and +40°C The average temperature over 24 hours does not exceed 25°C.
Storage Temperature (°C)	-40°C~+70°C

Installation Features

Terminal Connect type	Pillar terminal
Terminal size top/bottom for cable (mm ²)	45A terminal 49.5mm ² Four gang terminal 25.5mm ² General switch socket terminal 32.5mm ²
Installing screw hole distance (mm)	60mm
Pulling force for screws (N)	M4 screw 1.5-2.2N.m M5 screw 2.5-3.5N.m

Packing Data

Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
Londinium HKC	100	1.3	1.2	49.5	32	20.5

Dimensional Drawing

Item No	Length mm	Width mm
Londinium HKC	86	88

