



PSU-3 Power Module

1. General

The PSU-3 power module (hereinafter referred to as the module) is mainly used with smart home devices, terminal control devices, smart gateway devices, and smart display devices to provide the required DC working power supply. It can be widely used in public, commercial and civil power distribution cabinets and intelligent power distribution cabinets, as well as other required places. The module has the characteristics of wide voltage input, low temperature rise, low power consumption, high efficiency, high reliability, high safety isolation, etc.

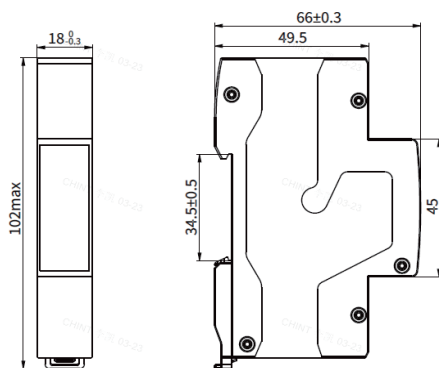
Model(s): PSU-3x

Tested according to: EN 62368-1:2014/A11:2017

2. Technical data

IN input requirements	AC 100-250V ; 50/60Hz ; $\geq 33W$
OUT 1 output	DC $14V \pm 0.4V$; 0-1.5A
OUT 1 peak output current	2.3A (lasting for 1 minute)
OUT 2 output	DC $14V \pm 3V$; 0-0.5A (unsafe voltage, electric shock risk)
OUT 2 peak output current	1.5A (lasting for 1 minute)
Conversion efficiency	$\geq 85\%$ (input voltage 230V, full load)
Output ripple and noise	$\leq 300mV$
Switching overshoot amplitude	$\leq 5\%V_{in}$
Protection functions	Output short-circuit protection(automatic return to normal operation after removal of faults)

3. Overall and mounting dimensions (mm)



Function	Description	Code
Power Module	PSU-3 AC230V	507793