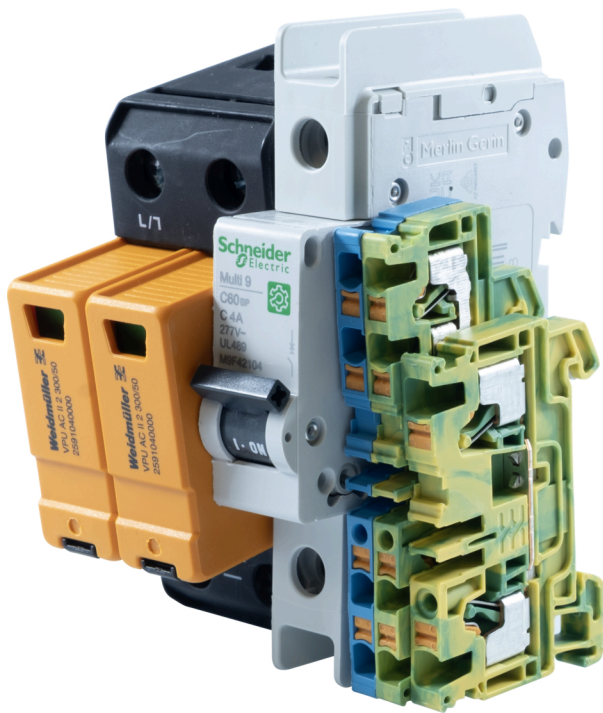


## Electrical Safety Kit B 230 V AC

To protect cameras from power surges

This electrical safety kit ensures installer safety and proper operation of electrical equipment in cabinets. It includes surge protection, a miniature circuit breaker, and terminal blocks for easy, reliable surveillance equipment installation.

- > **Surge protection**
- > **Protects your connected devices**
- > **Miniature circuit breaker**
- > **Temperature range of -30 °C to 70 °C (-22 °F to 158 °F)**



# Electrical Safety Kit B 230 V AC

## Approvals

### Product markings

UL/cUL, CE, RCM, UKCA

### Supply chain

TAA compliant

### Safety

Surge protector: IEC/EN 61643-11

MCB fuse: IEC 60947-2

Terminal block: IEC 60947-7-1:2009,

IEC 60947-7-2:2009

## General

### Power

#### Surge protector:

Surge voltage category: III

Requirements category acc. to IEC 61643-11: Type II, Type III

Mains voltage: 230 V/400 V

Discharge current  $I_n$  (8/20 $\mu$ s) wire-PE: 20 kA

Short-circuit current rating  $I_{SCCR}$ : 50 kA

Combined pulse  $U_{OC}$ : 6 kV

Low voltage network: Single-phase, TN-S

Response time/fallback time:  $\leq 25$  ns

Temporary surge voltage (over-voltage) -  $U_{TOV}$ : 337 V

Max. continuous voltage,  $U_c$  (AC): 300 V

Discharge current  $I_{max}$  (8/20 $\mu$ s) wire-PE: 50 kA

Discharge current (type III): 3 kA

Protection level  $U_p$  at IN (L/N-PE):  $\leq 1.5$  kV

#### MCB fuse:

Breaking capacity: 3 kA  $I_{cu}$  415 V AC EN/IEC 60947-2,

10 kA  $I_{cu}$  240 V AC EN/IEC 60947-2,

14 kA AIR 240 V AC UL 489

Tripping Curve C

### Operating conditions

Temperature: -30 °C to 70 °C (-22 °F to 158 °F)

Humidity: 5-95% RH (non-condensing)

### Storage conditions

Temperature: -40 °C to 85 °C (-40 °F to 185 °F)

Humidity: 5-95% RH (non-condensing)

### Dimensions

For the overall product dimensions, see the dimension drawing in this datasheet.

### Weight

263 g (0.6 lb)

### Box content

Electrical safety kit, MCB fuse, surge protector, terminal block, third party documentation

### Warranty

3-year warranty, see [axis.com/warranty](https://axis.com/warranty)

### Part numbers

Available at [axis.com/products/electrical-safety-kit-b-230-v-ac#part-numbers](https://axis.com/products/electrical-safety-kit-b-230-v-ac#part-numbers)

## Sustainability

### Substance control

PVC free, BFR/CFR free in accordance with JEDEC/ECA Standard JS709

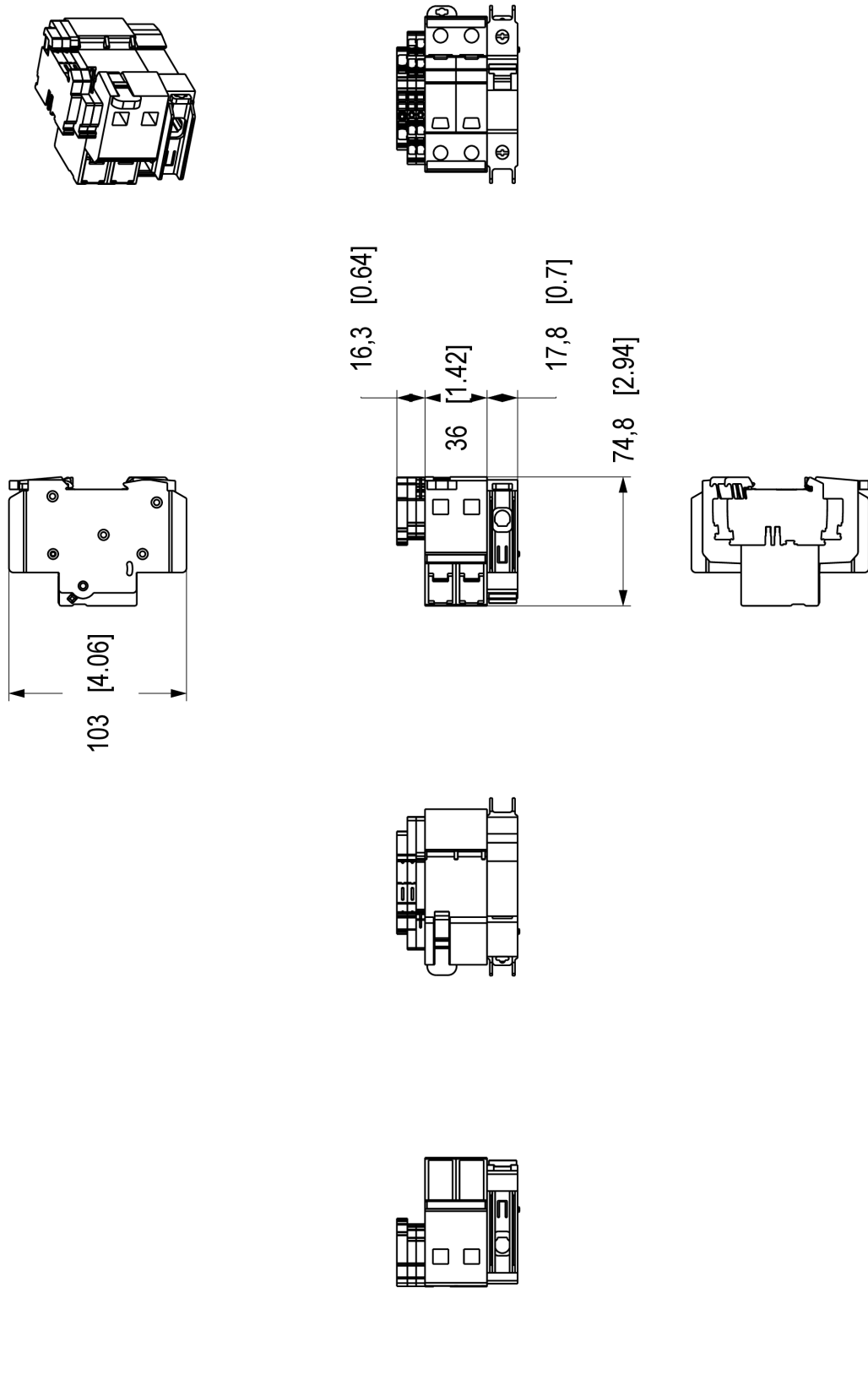
RoHS in accordance with EU RoHS Directive 2011/65/EU and 2015/863, and standard EN IEC 63000:2018

REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see [echa.europa.eu](https://echa.europa.eu)

### Environmental responsibility

[axis.com/environmental-responsibility](https://axis.com/environmental-responsibility)

Axis Communications is a signatory of the UN Global Compact, read more at [unglobalcompact.org](https://unglobalcompact.org)



Dimensions in mm [inch]

Date	Version	Scale
2026 Mar-30	M1.4	1:3
Drawing Number	Size	Sheet
3524444	A4	1(1)

# Electrical Safety Kit B 230 V AC

