

Electrical Safety Kit A 120 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 A 120 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: 120 V/240 V

Discharge current I_n (8/20 μ 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: ≤ 25 ns

Temporary surge voltage (over-voltage) - U_{TOV} : 229 V

Max. continuous voltage, U_c (AC): 150 V

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

Discharge current (type III): 3 kA

Protection level U_p at IN (L/N-PE): ≤ 1.25 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

Part numbers

Available at axis.com/products/electrical-safety-kit-a-120-v-ac#part-numbers

Sustainability

Substance control

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

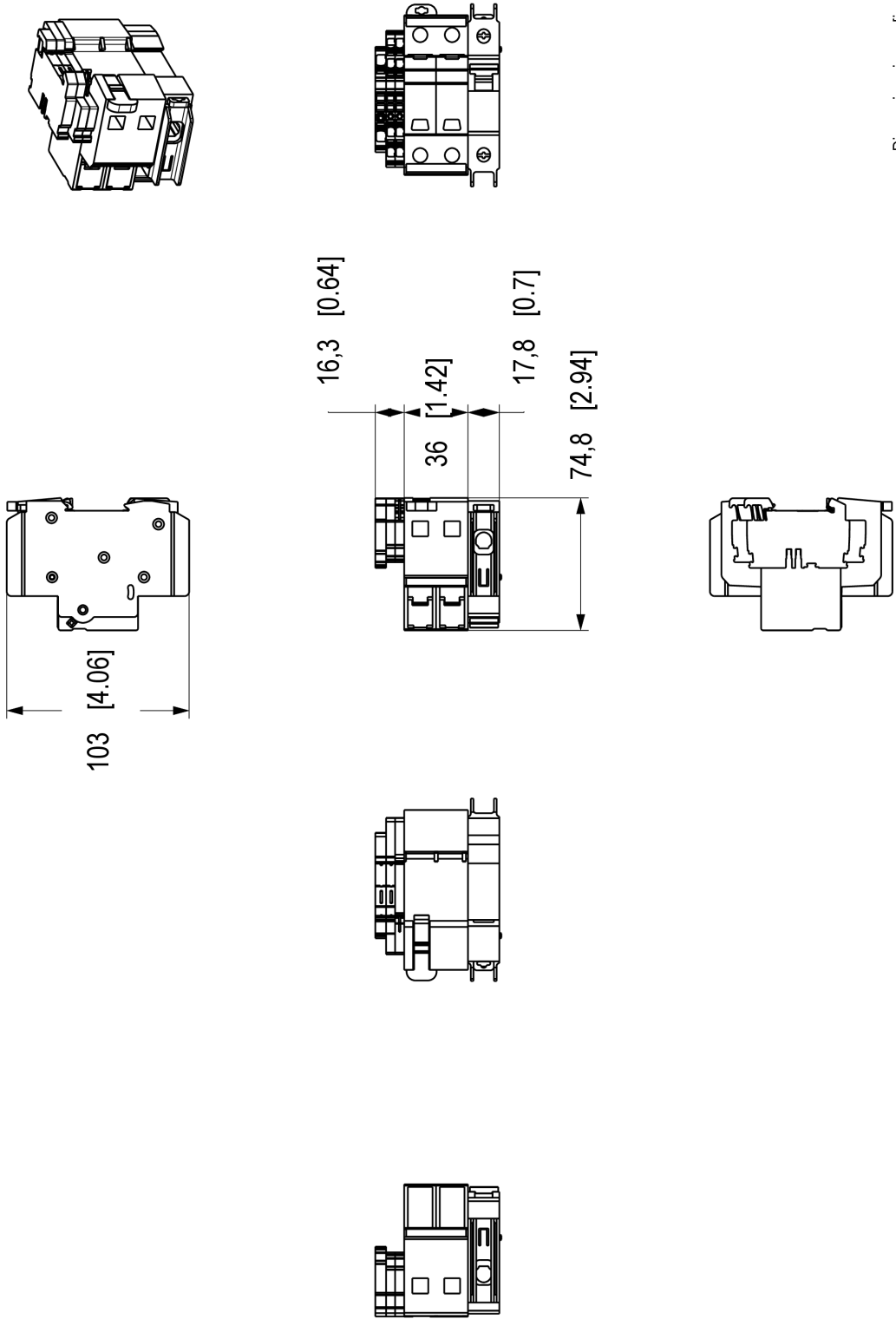
RoHS in accordance with EU RoHS Directive 2011/65/EU and 2015/863, and standard EN IEC 63000:2018

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

Environmental responsibility

axis.com/environmental-responsibility

Axis Communications is a signatory of the UN Global Compact, read more at unglobalcompact.org



Dimensions in mm [inch]

Date	Version	Scale
2026 Mar-30	M1.3	1:3
Drawing Number	Size	Sheet
3524438	A4	1(1)

Electrical Safety Kit A 120 V AC



© 2026 Axis Communications AB. All rights reserved.

