

# PRODUCT SHEET

## IDRA 2 Helmet



CE

NFEN 397+A1

NFEN 50365

NFEN 166

GS ET 29

48 months

650 g

### Area of use

A protective helmet with a built-in screen to protect the user against the risk of arching short circuits in Low Voltage Electricity.



Textile cap



4-point chin strap (standard)



### Features

The IDRA 2 helmet is comprised of :

- an outer skullcap made from die-cast ABS (with an integrated lamp holder)
- an inner skullcap made from die-cast ABS
- a harness comprising:
  - A cap made from textile braids
  - A headband made from low density polyethylene, with a rack and pinion nape strap, which is detachable and adjustable from 49 to 63 cm
  - A 32 cm comfort headband
- a polycarbonate built-in screen with a thickness of 2.2 mm, optical class 1, internal anti-mist treatment and external anti-scratch treatment, locked in an upright position and in the working position
- the standard helmet comes with a 4-point chin strap with a chin guard

**Screen size:** 330 x 200 mm

**Colour:** white

**Weight:** 650 g

**Duration of use:** helmet + screen 48 months

### Tests

The protective helmet complies with the NFEN 397 standard and the following optional requirements:

- resistance to very low temperatures, **-30°C**
- electrical isolation on the model without vents (EBT), **440V~ symbol**

The protective helmet complies with the NFEN 50365 standard:

- 5,000 V dielectric strength test and 10,000 V pot test on the model without vents (EBT), **double triangle symbol - class 0**

The protective helmet complies with the PREN 50365 standard, the tests are as follows:

- 20,000 V dielectric strength test and 30,000 V pot test on the model without vents (EBT).

The IDRA 2 screen complies with European standard EN 166, whose main tests are as follows:

- eyepiece optics, optical class 1
- transmission factor, filter for ultraviolet light: **grade number: 2-1.2**, according to EN170
- protection against particles launched at high speed, medium energy impact 120m/s, **symbol B**
- protection against droplets and splashes, **symbol 3**
- protection against short circuit electric arc, **symbol 8**
- protection against molten metal and hot solids, **symbol 9**
- resistance to surface damage caused by fine particles, **symbol K**
- eyepiece mist resistance, **symbol N**

The IDRA 2 screen complies with the GS ET 29 benchmark, test at 4 kA (class 1). The IDRA 2 helmet/screen combination + NOMEX hood complies with the GS ET 29 benchmark, test at 7 kA (class 2).

### Accessories

A 4-point chin strap with ear protectors, a Nomex hood, a kit with 6 high visibility stickers, an engraved name tag, cleanliness cap and a headlamp.

### Markings

The helmet can have front (70 x 35 mm), side (70 x 16 mm) or rear (50 x 40 mm) marking through hot stamping or transferring your initials or company name.

AET NFEN 397+A1 (helmet) 0069/478/158/10/11/11288/UTAC  
AET NFEN 50365 (helmet) 0069/478/158/10/11/11289/UTAC  
PV PR EN50365 (helmet) 14/05125/UTAC  
AET NFEN 166 (screen) n° 2009/090/085/04/12/0002/ALUTEC  
Certificat selon GS ET 29 (écran) 12\_105-1 (RWE)