

# PRODUCT SHEET

## IDRA Helmet



NFEN 397

NFEN 50365

NFEN 166

48 months

420 g

### Area of use

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



Textile cap



4-point chin strap  
(standard)



### Features

The IDRA helmet consists of :

- an outer skullcap made from die-cast polyamide (with an integrated lamp holder)
- an inner skullcap made from die-cast polyamide
- a harness comprising
  - textile covering 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 polycarbonate built-in screen with a thickness of 1.7 mm, optical class 2, with internal anti-fog treatment and a scratch-resistant exterior
- the standard helmet comes with a 4-point chin strap with a chin guard

**Screen size:** 310 x 170 mm

**Colour:** white

**Weight:** 620 g

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

### Tests

The protective helmet complies with the NF EN 397+A1 : 2013 standard and the following optional requirements:

- resistant to very low temperatures, -20°C
- electrical isolation, 440V~ symbol

The protective helmet complies with the NF EN 50365 : 2002 standard:

- 5,000 V dielectric strength test and 10,000 V pot test, 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.

The screen complies with the NF EN 166 : 2002 European standard, the main tests of which are as follows:

- optical power of the eyepieces, **optical class 2**
- transmission factor, filter for ultraviolet light: **grade number: 2-1.2**, according to NF EN 170 : 2003
- 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**

### 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, headlamp and anti-noise devices. Only MOTUS type anti-noise devices (SNR 22dB) can be worn with the screen when electrical protection is required.

### 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.