

ELECTRIC HELMET

Model: IDRA 2

Cod.: WSB10000197

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.

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 **NF EN 397+A1 : 2013 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 **NF EN 50365 : 2002 standard:**

- 5,000 V dielectric strength test and 10,000 V pot test on the model without vents (EBT), **double trianglesymbol** - 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 NF EN 166 : 2002, whose main tests are as follows:**

- eyepiece optics, optical class 1
- 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**

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 (helmet) 2754/0090/158/04/19/0218/ALIENOR
PV PR EN50365 (helmet) 14/05125/UTAC
AET (pantalla) n° 2009/090/085/04/12/0002/ALUTEC
Certificates according GS ET 29 (screen) 12_105-1 (RWE)

For more information please check the notes along with the products or the ones published on the website www.spasciani.com

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