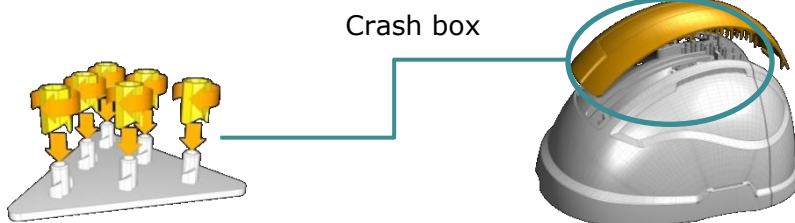


## TC42ES : E-Shark helmet

Safety helmet with integrated face screen for electricians



Nape strap



Side insert for lamp or ear protection device



Front insert for front lamp

**Use:** Intended for linemen and groundmen, production, transmission, distribution and industry.  
Designed for protection against short circuits arcflash.

**Technical features :** CE marking.

**Helmet:** EN 397, NF EN 50365, insulated 1000 V

- Shock absorption at -10°C, -20°C, +50°C
- Penetration resistance at -10°C, -20°C, +50°C
- Resistance to flames
- Resistance to projection of molten metal
- Helmet raw material in high tech polymer ABS

**Screen:** designed to offer protection from electrical arc flash effects.

- Optical quality 1 (EN166, 167 et 168)
- UV filter, shade number 2-1.2 (EN 166 and 170)
- Protection from high speed flying particles: medium-energy impact: 120m/s (EN 166 and 168)
- Protection from liquids (EN 166 and EN 168)
- Protection from electric arcs of short circuits (EN166, 168 and 170): 4kA and 7 kA with flame retardant hood
- Anti-scratching treatment (EN166 and 168)
- Anti-fogging treatment (EN166 and EN 168)

# TC42ES : Casque E-Shark

## Safety helmet with integrated face screen for electricians

**SAFETY, COMFORT, ERGONOMICAL and DURABILITY.**

No intermediate position possible, screen only up or down, **SAFETY.**

The operator is kept safe from improper use: the product uses a system that only offers two possibilities:

- open and the whole face of the operator is protected from short circuits
- closed and the operator may not undertake electrical work

Screen is easy to manipulate with electricians' gloves, **ERGONOMICAL.**

Optical class 1 for the screen: improved vision deformation during long-term work, **COMFORT and SAFETY.**

The face is fully covered including the chin and safe from projections thanks to the length of the screen, **SAFETY.**

Automatic system for raising screen simply by pressing on the lateral sides, **COMFORT.**

Screen far enough away from the face to allow the wearing of glasses and for greater comfort. **SAFETY and COMFORT.**

Screen changed without tools.

Patented system **CRASH BOX** to give the maximum protection from kinetic energy from impacts to prevent concussions, **SAFETY.**

This Helmet is designed with well distributed mass balance and you don't feel the weight of the helmet, **COMFORT.**

Head size adjustment by big pull/turn/push button, **COMFORT and ERGONOMICAL.**

Automatic buckle on chinstrap for rapid closing and opening, **COMFORT**

3 straps in the shell, **COMFORT**

The position of straps leaves clear ear area free, **COMFORT.**

Pre-equipped for easy addition of accessories, forehead and side lamps, ears muffs, **ERGONOMICAL.**

Anti sweat material and anti allergenic material textile, **COMFORT.**

Fast and easy replacement of spare parts without tools, crash box, forehead band, chin strap, ...**DURABILITY.**

The screen is protected in a double shell when up, **DURABILITY.**

Size : 53-62 cm

Duration of helmet and screen: 5 + years.

Light not included.

Possibility to customize shell and crash box by colours, company logos, ...

First colour Reference TC42ES \_ for the shell and second reference for the colour of crash box TC 42 ES \_ \_

White = B, Blue = BL, yellow = J, red = R, green = V

Example: TC42ESES BB for a white shell + white crash box

Other colours: please contact us. Front and/or side marking: please contact us

Accessories	Part nos
E-Shark helmet with four-point chin strap	TC42ES _ _
E-Shark screen	TC42ESE
E-Shark forehead band	TC42ESBAS
Four-point chin strap alone for E-Shark helmet (without chin piece)	TC42ESJ4
Four-point chin strap alone for E-Shark helmet (with chin piece)	TC42ESMJ4
Lining + chin strap for E-Shark helmet	TC42ESH
Red band for E-Shark helmet	TC46BR
Nape guard for E-Shark helmet	TC42PN
Ear protection system	TC42AB
Fire-retardant hood	TC42ESC
Head lamp with 3 LEDs	S570 safe
Head lamp with 4 LEDs	S900 safe
Side lamp with 3 LEDs	S600K
Anti-UV transport bag for E-Shark helmet	HTC42B

