

***Palazzoli***

**General**  
Catalogue



2019/2020

# ***Palazzoli***



CHIAREZZA DELLA FUNZIONE  
SEMPLICITÀ DI PROGETTO  
QUALITÀ DELLA MANIFATTURA

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CLARITY OF FUNCTION  
PROJECT SIMPLICITY  
QUALITY OF MANUFACTURE





| ZONE   | GAS |   |   | DUST |    |    |
|--------|-----|---|---|------|----|----|
|        | 0   | 1 | 2 | 20   | 21 | 22 |
| USABLE |     |   | X |      | X  | X  |

Sirens and bells in aluminium alloy for continuous operation, suitable for applications in explosion hazardous areas as defined in ATEX Directive 2014/34/EU.

The internal terminal block is in self-extinguishing thermosetting GRP insulating material and contributes to the non-sparking protection mode. Earth screws inside and outside the box.

Back box and cover are treated with ecological anticorrosion passivation with fluoro-zirconium treatment and finished with hot polymerised scratch-resistant non-toxic polyester painting.

The colour of the box is RAL 9005 black while the cover is RAL 2011 deep orange with high recognisability.

The gaskets in non-ageing elastomer and the stainless steel screws guarantee the watertight sealing with IP66 protection rating for the sirens and IP55 for the bells.

Compliance with standards  
**Directive ATEX 2014/34/EU  
EN 60079-0  
EN 60079-15  
EN 60079-31**

**Directive LVD 2014/35/EU  
EN 62080**

**II 3G 2D/3D**

Atex execution  
**(sirens)  
II 3G Ex nA IIC T3 Gc  
II 2D Ex tb IIIC T 65 °C Db**

**(bells)  
II 3G Ex nA IIC T3 Gc  
II 3D Ex tc IIIC T 65 °C Dc**

Casing material **Aluminium alloy**

Bell drum material **Painted galvanised steel**

Colour  
**RAL 9005  
(black) - Box  
RAL 2011  
(deep orange) - Cover**

Protection rating **IP66 (sirens)  
IP55 (bells)**

Operating voltage **24VAC - 230VAC**

Operating frequency **50-60Hz**

Insulation class **I**

Entry cable diameter **10 - 14 mm**

Operating temperature **-20°C - +40°C**





### SUITABLE FOR ZONE 2 (GAS) AND 21-22 (DUST)



**Sirens** in aluminium alloy with vibrating membrane 50-60Hz **IP66**



Technopolymer M20 cable gland

| Rated voltage (V) | Sound level (dB) | Initial power (VA) | Vibrating power (VA) | Palazzoli code  | Pack Qty |
|-------------------|------------------|--------------------|----------------------|-----------------|----------|
| 24                | 105              | 60                 | 25                   | <b>900453EX</b> | 1        |
| 110               | 105              | 60                 | 25                   | <b>900463EX</b> | 1        |
| 230               | 105              | 60                 | 25                   | <b>900473EX</b> | 1        |

**Equipment included:** cable gland in technopolymer type M20. Terminal block in insulating thermosetting GRP. Earthing terminal inside and outside the box.

### SUITABLE FOR ZONE 2 (GAS) AND 22 (DUST)



**Bells** in aluminium alloy with steel drum 50-60Hz **IP55**



Technopolymer M20 cable gland

| Rated voltage (V) | Sound level (dB) | Initial power (VA) | Vibrating power (VA) | Palazzoli code  | Pack Qty |
|-------------------|------------------|--------------------|----------------------|-----------------|----------|
| 24                | 101              | 13                 | 11                   | <b>900253EX</b> | 1        |
| 110               | 101              | 13                 | 11                   | <b>900263EX</b> | 1        |
| 230               | 101              | 13                 | 11                   | <b>900273EX</b> | 1        |

**Equipment included:** cable gland in technopolymer type M20. Terminal block in insulating thermosetting GRP. Earthing terminal inside and outside the box.



**Directional horn** for sirens

| Max. diameter (mm) | Projection siren+horn (mm) | Palazzoli code | Pack Qty |
|--------------------|----------------------------|----------------|----------|
| 112                | 238                        | <b>900449</b>  | 1        |

**Equipment included:** complete with stainless steel fixing screws.

The background of the entire page is a night-time satellite view of the Earth, showing the illuminated continents of Europe and Africa. A bright sun or star is positioned at the horizon, creating a lens flare effect. Overlaid on this image is a network of glowing blue lines connecting various points, resembling a global communication or data network. The Palazzoli logo is prominently displayed at the top center.

# Palazzoli

— excellence —  
**FROM ITALY**

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