

TECHNO

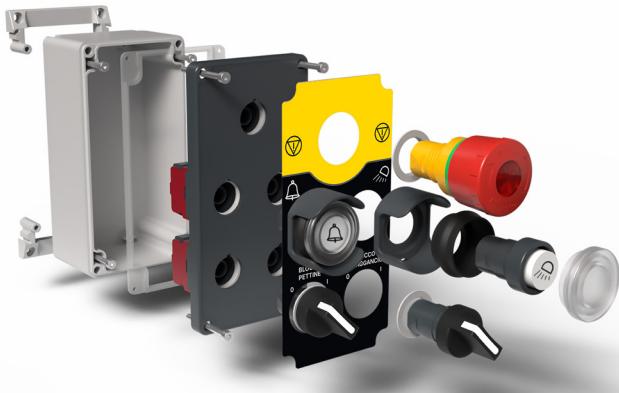
Technopolymer enclosures



Excellence in Human-Machine Interfaces since 1967

Main Features

TECHNO
Technopolymer enclosures



The Techno range of thermoplastic enclosures has been specifically designed to professionally meet the majority of requirements in the industrial automation sector. The careful selection of materials — such as glass-fibre reinforced polyamide technopolymers — ensures that these enclosures can also be used reliably in harsh and demanding environmental conditions.

The stainless steel fastening screws comply with UNI standards and feature a metric thread with cylindrical head and hexagon socket. They are held in place by the perimeter gasket, which guarantees captive screws and prevents loss during installation or maintenance.

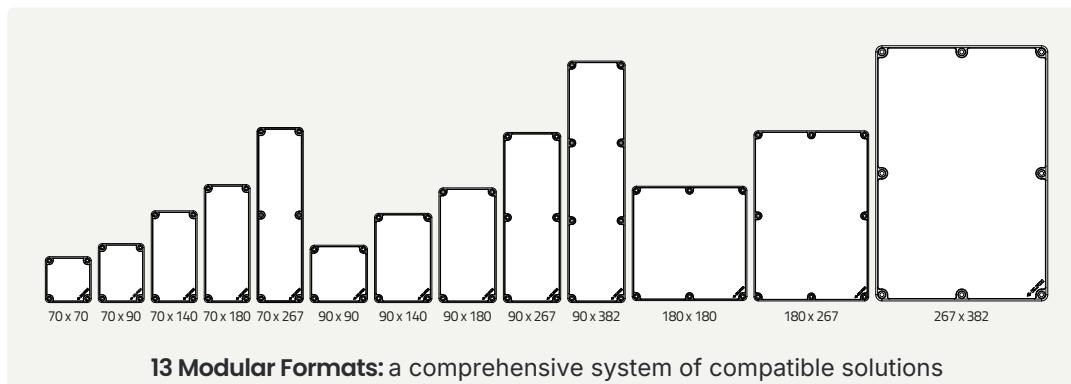
The enclosures are equipped with thermo-rubber gaskets, a technology offering multiple advantages, including:

- Elimination of the traditional shape-memory effect
- Absence of joining points
- Single-piece construction, allowing easy replacement

The male-female coupling system between lid and base has been engineered to ensure perfect sealing while preventing incorrect closure if internal components or wiring interfere. The increased wall thickness not only provides excellent mechanical strength, but also allows the direct installation of accessories such as connectors and cable glands after threading.

Finally, the bottom of each enclosure is equipped with dedicated supports for mounting additional accessories, such as mounting plates or standard DIN rails.

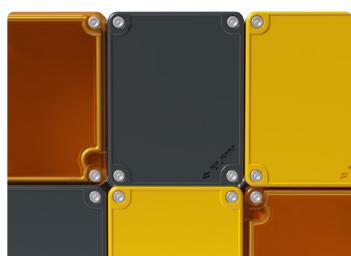
Thermoplastic enclosures, widely used in industrial electrical applications, are protective housings made from durable, versatile materials. They ensure safety and reliable performance across a wide range of industrial environments. Below are the key features of the new Techno Series:



13 Modular Formats: a comprehensive system of compatible solutions



4 Heights Options
engineered for flexibility
and perfect fit



Color Coding
for easy identification
according to safety standards



Fully Customisable
compatible with the entire
range of control auxiliaries



Hermetic Seal
the male-female solution
guarantees the perfect seal



Wall Material & Thickness
together guarantee strength,
lightness and insulation



Improved Label Adhesion
low relief containment seat
rough and porous surface



Customisable Graphics
function diversification by
colors, pictograms, markings



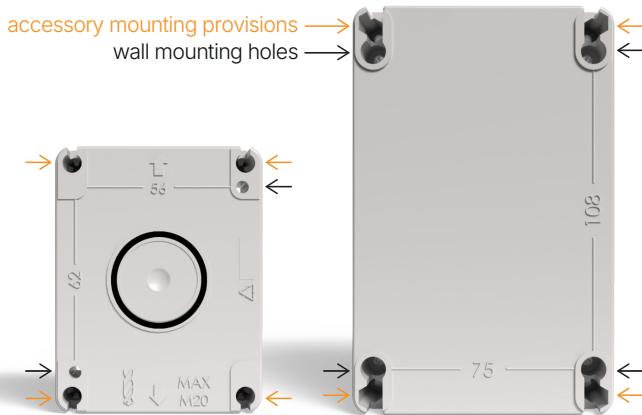
Harsh Environment Resistant
thanks to watertightness and
high-performance materials



Temperature Resistance
to the extreme variations
in industrial environments

Traditional Mounting with open enclosure

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The holes for wall mounting are easily identifiable on the back of the caseback. The distances between the centres for wall mounting are indicated on the rear of the box.



When accessory mounting provisions are not used, they can be easily closed with the supplied plugs.

Patented Accessories for closed-box installation

To allow the installation of the enclosure while closed - thus avoiding the risk of damaging the internal wiring - we have designed and patented a wide range of accessories that meet different needs and enable alternative mounting methods. The entire Techno series is made modular thanks to the coupling accessory, which allows the installation of multiple modules in series.



Connection accessory
for series installation



Mounting brackets
for a sturdy hold



Magnetic brackets
movable & space-saving



Wall-mounting brackets
for minimize overall dimensions



Ring Mounting brackets
screw on metal profile



Ring Mounting brackets
strap system on tube



Ring Mounting brackets
hook on wall



Tandem brackets
modularity and ergonomics



70° Sloped brackets
for greater ergonomics



90° Sloped brackets
for side/underslung mounting

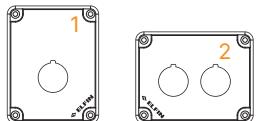
70x70 mm

1 hole Ø22
1 hole Ø30



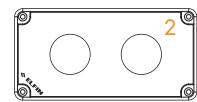
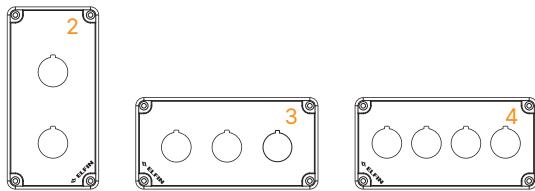
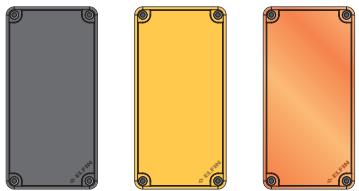
70x90 mm

1 to 2 holes Ø22



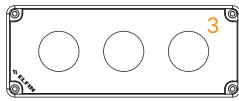
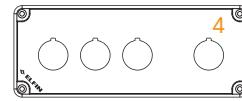
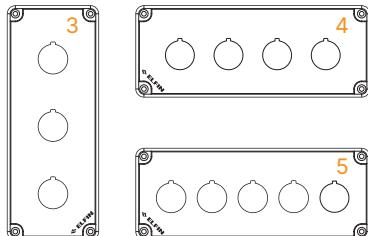
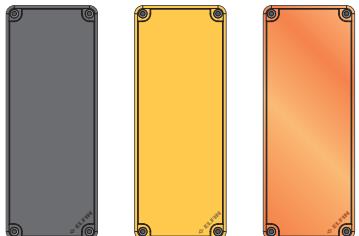
70x140 mm

2 to 4 holes Ø22
2 holes Ø30



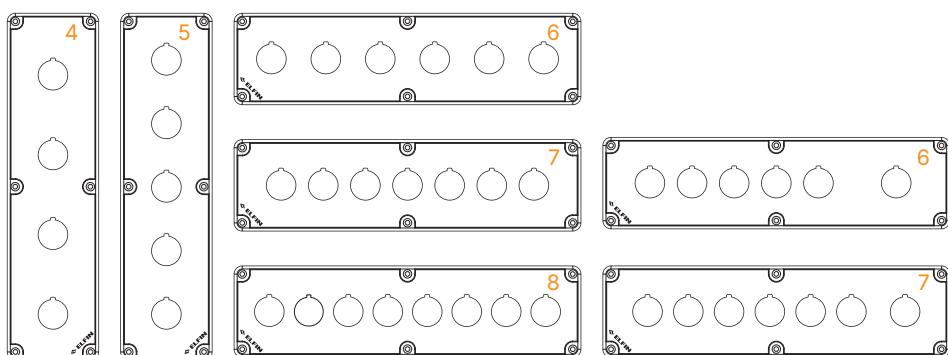
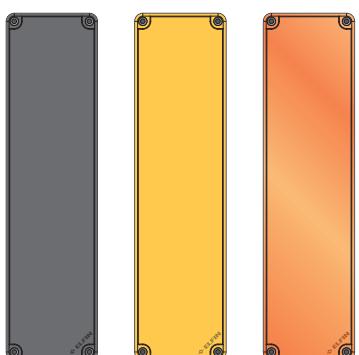
70x180 mm

3 to 5 holes Ø22
3 holes Ø30



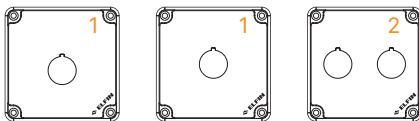
70x267 mm

4 to 8 holes Ø22



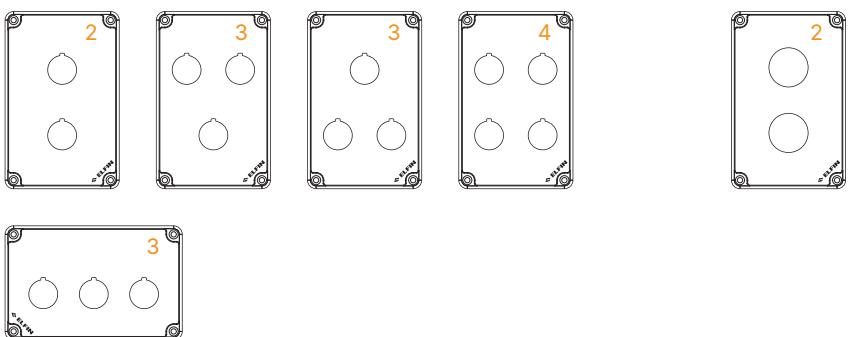
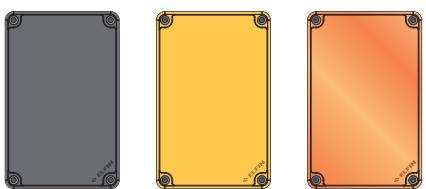
90x90 mm

1 to 2 holes Ø22
1 hole Ø30



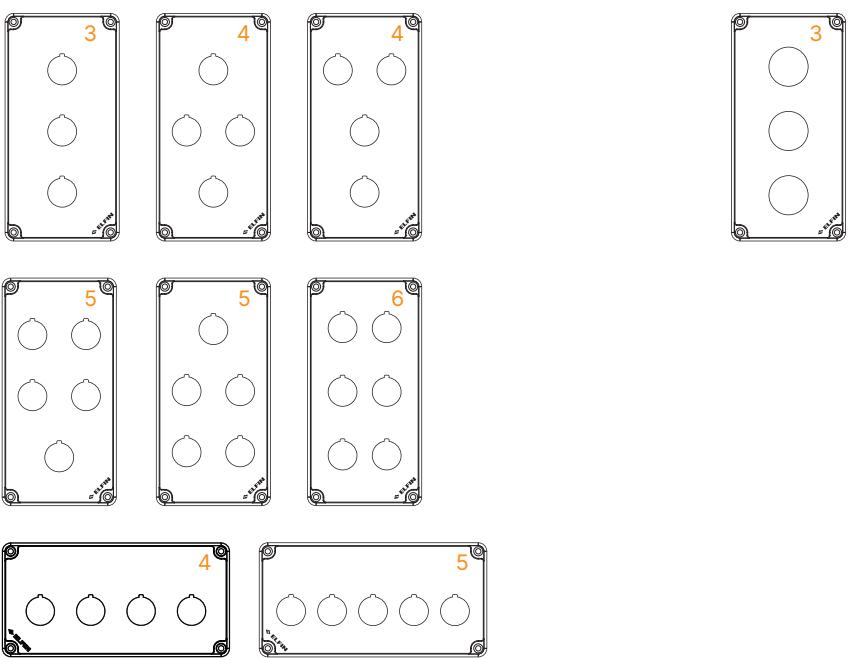
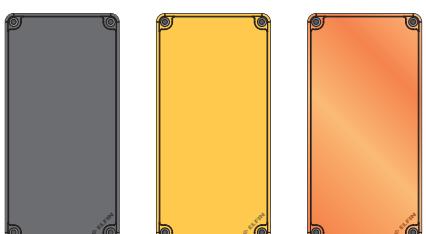
90x140 mm

2 to 4 holes Ø22
2 hole Ø30

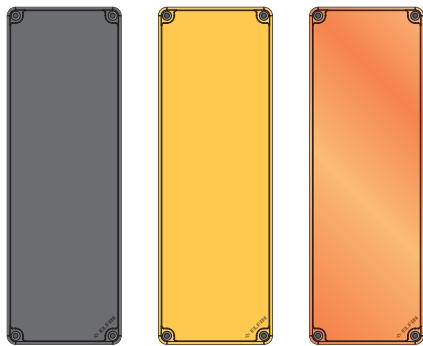


90x180 mm

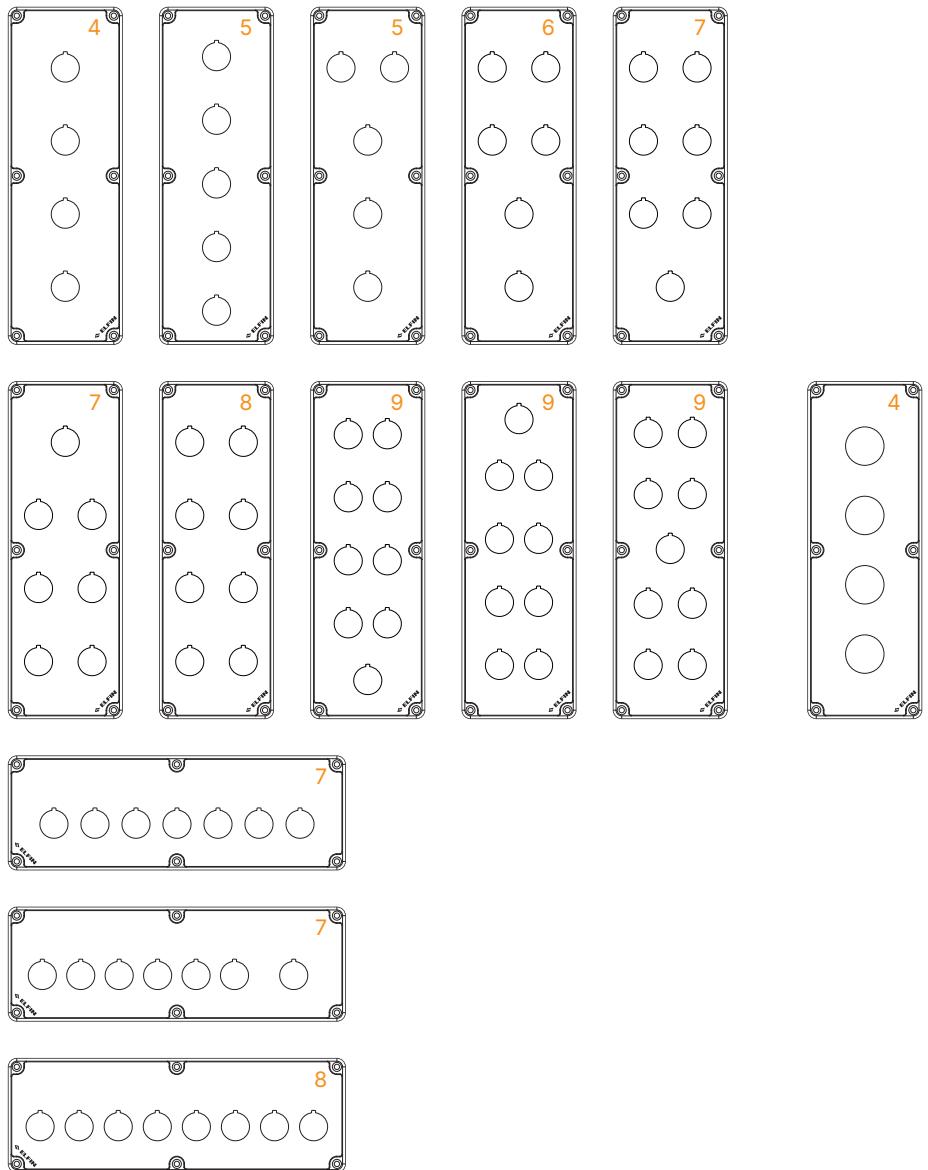
3 to 6 holes Ø22
3 holes Ø30



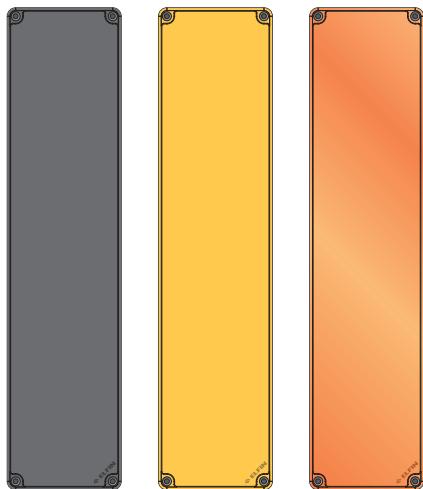
90x267 mm



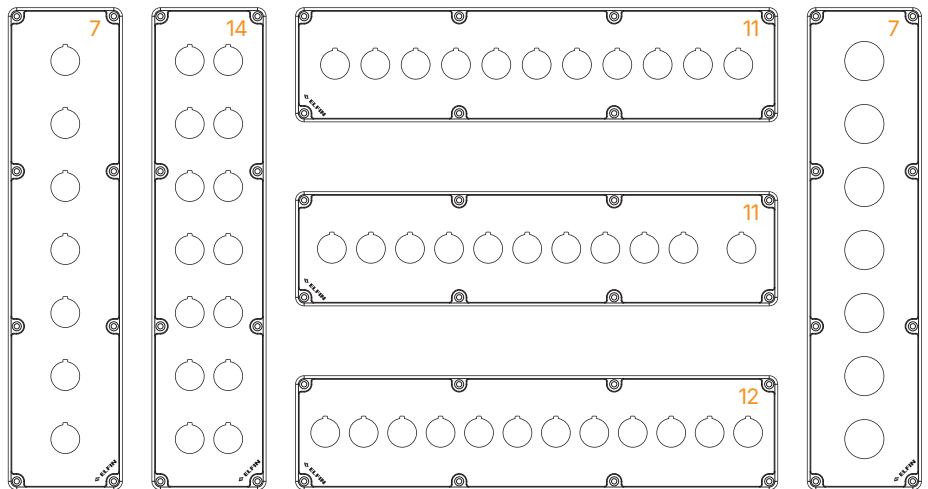
4 to 9 holes Ø22
4 holes Ø30



90x382 mm

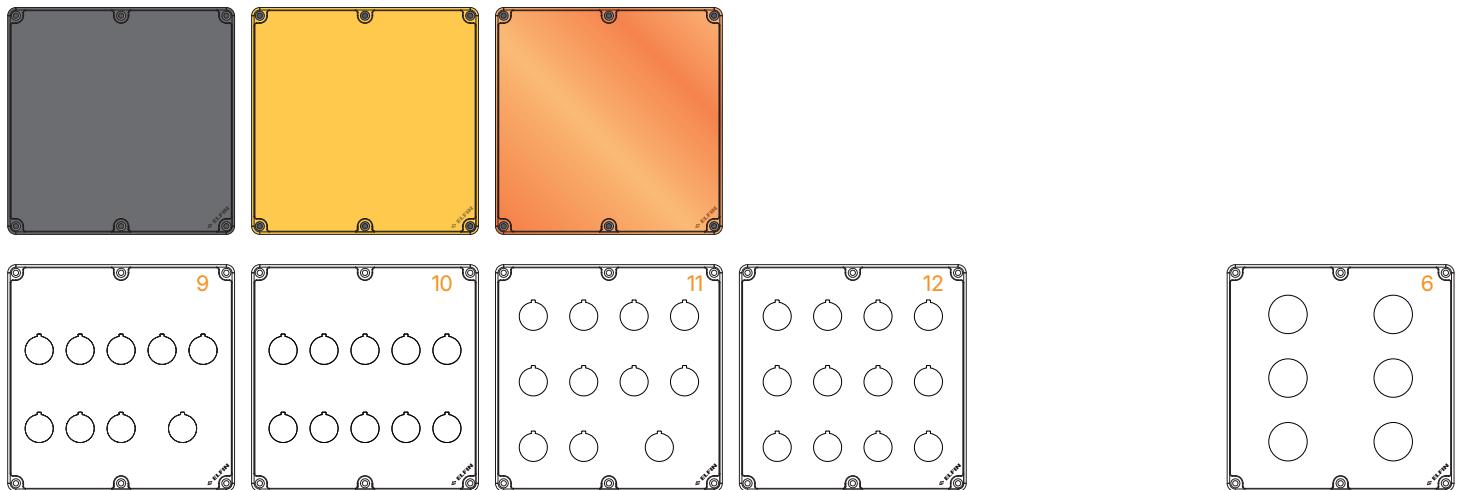


7 to 14 holes Ø22
7 holes Ø30



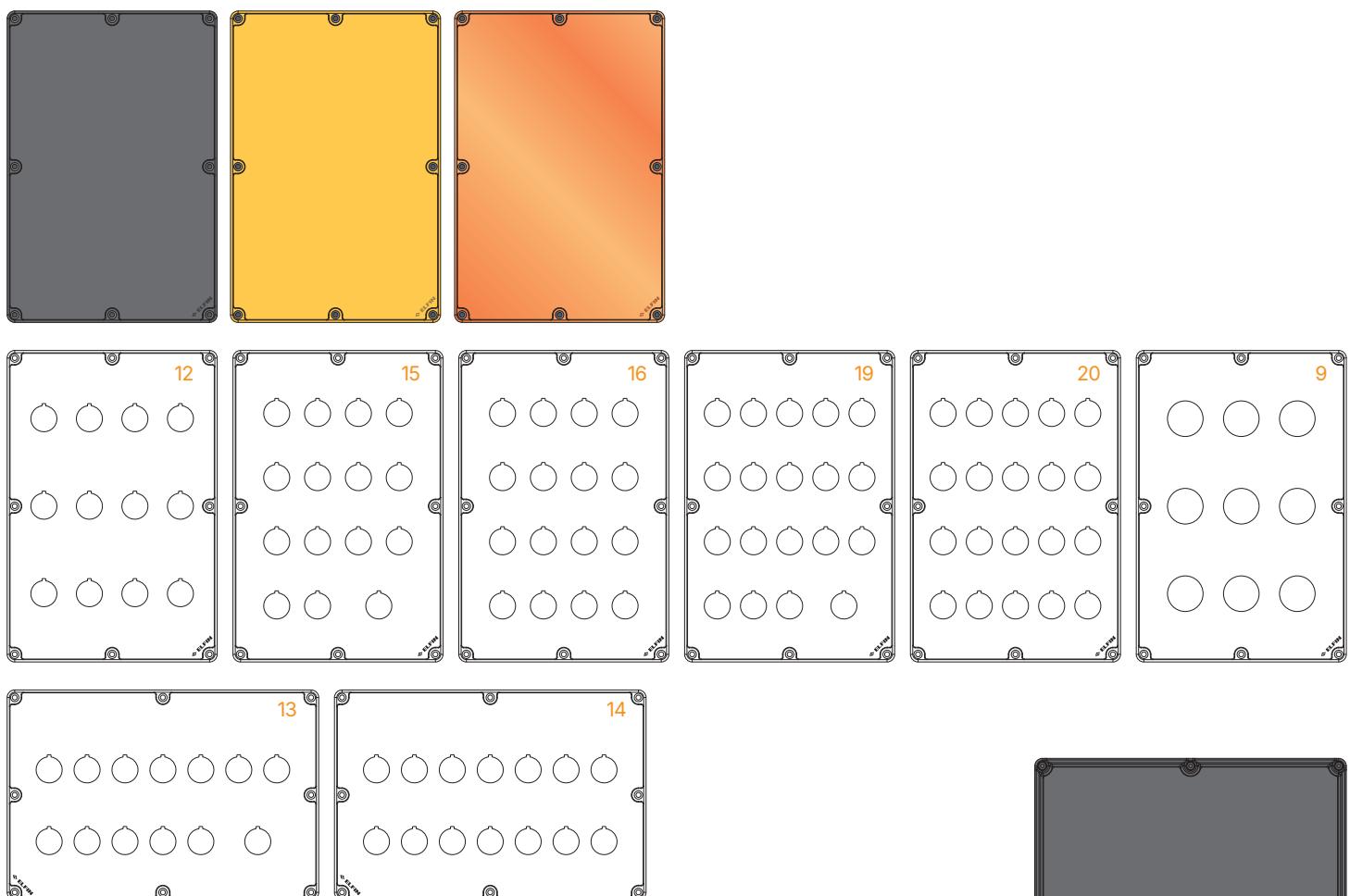
180x180 mm

9 to 12 holes Ø22
6 holes Ø30



180x267 mm

12 to 20 holes Ø22
9 holes Ø30



TECHNO

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267x382 mm



A BIG FAMILY

13 sizes:
from 70×70 mm
to 267×382 mm

4 depths:
63 / 74 / 94 / 134 mm

3 colours:
● dark grey
● yellow
● transparent orange

+200 cover variants
for Ø22mm & Ø30mm
drilling patterns

E like EVERWHERE

International markets:
CE / UL

Approvals:



Patent Pending

PROTECTION DEGREES

Protection from water/dust:
IP66 / IP67 / IP69 /
NEMA TYPE 4-4X

Protection from impacts:
IK08

FEATURES

Laser markable
cover surface

Label adhesion:
low relief
containment seat

Fastening screws
in stainless steel
(UNI standards)

Mounting accessories:
wide, modular range

Mounting plates & DIN rail
compatible

Technical data sheet



Approvals

Compliance with standards

Operating temperatures

Protection degree (EN 60529)

Protection against impact

Enclosure material

Gasket material

Protection against electric shock

Screw material

Screw type

Screw inserts material

ONLY FOR

Screw inserts type

ONLY FOR

Tightening torque

Heavy metal-free

PVC-free

Silicon-free

Halogen-free

Combustion behaviour 3.00 mm

CE / UL / CSA

IEC-EN62208, UL508

-35° ÷ +80°C

IP66 - IP67 - IP69

IK08 (IEC-EN62262)

PA Fiber glass reinforced polyamide

TPE Thermoplastic elastomer

Class II (IEC-EN61140)

Stainless steel AISI 304

70 Range: 5X24 inox TORX T15 UNI

90 Range: M04X45

90 Range: Brass / Stainless Steel

90 Range M4X18

1 ÷ 1.5Nm (8.85÷13.3 Lb-in)

yes

yes

yes

yes

5VA (UL94)

VO (UL94)

960°(IEC-EN60695-2-12)

yes

Legend

UL Approval Only

New Elfin Divisione Pulsanti S.r.l.

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