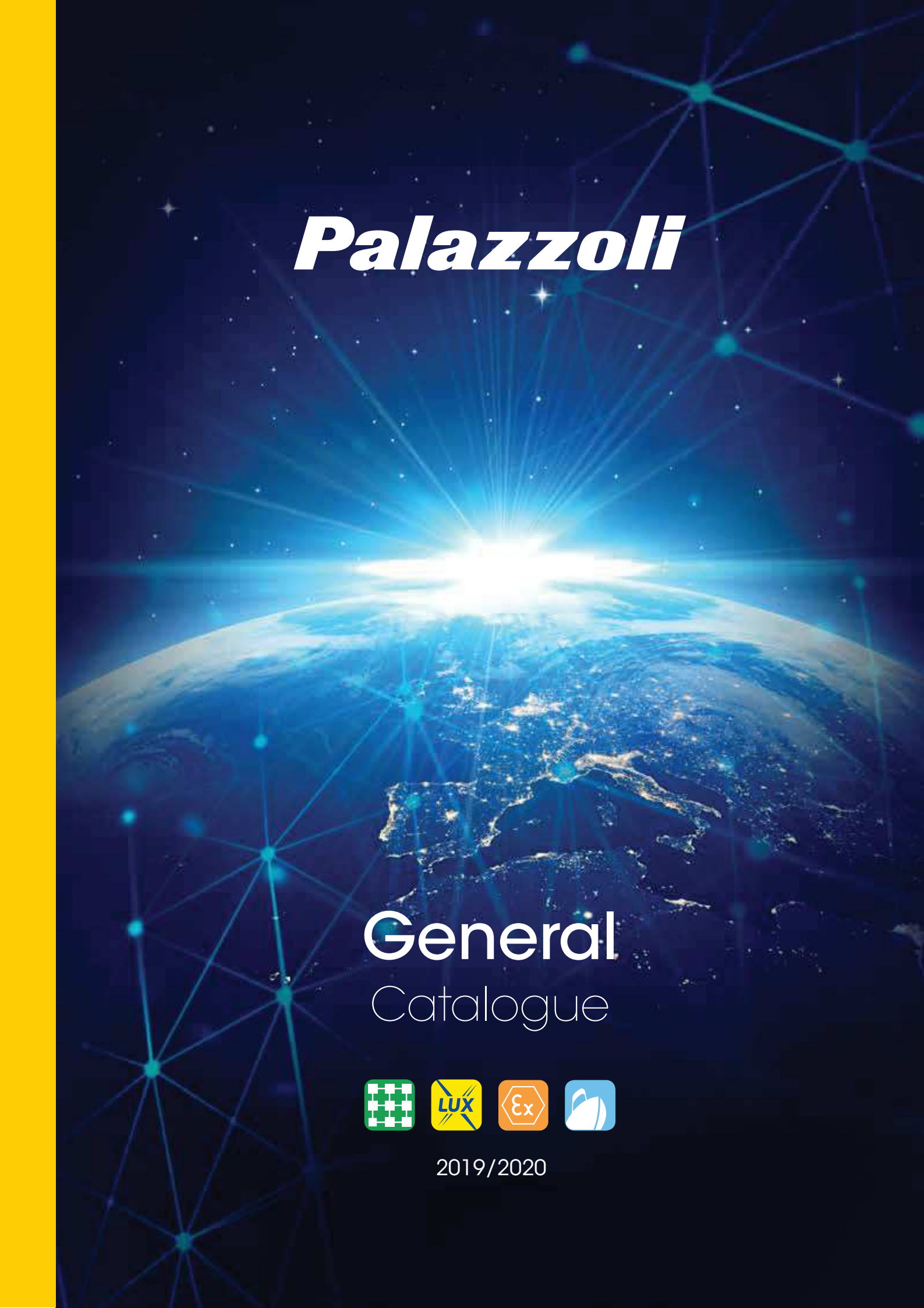




Palazzoli

General Catalogue



2019/2020

Palazzoli



CHIAREZZA DELLA FUNZIONE
SEMPlicità DI PROGETTO
QUALITÀ DELLA MANIFATTURA

CLARITY OF FUNCTION
PROJECT SIMPLICITY
QUALITY OF MANUFACTURE





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

Modular watertight boxes in Palazzoli antistatic thermosetting GRP, suitable for use in explosion hazardous areas as provided for in the ATEX Directive ATEX 2014/34/EU.

The cover is attached to the back box by means of stainless steel screws while the sealing is guaranteed by a gasket in non-ageing elastomer.

The boxes are prepared for the installation of a DIN EN50022 rail for mounting modular terminal blocks and a back plate in anti-corrosion galvanised-tropicalised steel.

Table of the max. power dissipation allowed for TAIS-EX boxes

Code	-40°C - +40°C (W)	-40°C - +50°C (W)	-40°C - +60°C (W)	-40°C - +70°C (W)	-40°C - +75°C (W)
532200EX	18	12	8	4	2
532201EX	19	17	11	6	3
532202EX	23	22	15	7	4
532203EX	24	22	17	8	4
532204EX	25	25	23	15	8
532035EX*	8	6	4	2	1
532045EX	10	6	4	2	1
532055EX	12	9	6	3	1
532116EX	13	10	7	3	2
532117EX	15	10	7	3	2
532118EX	20	14	9	5	2
532005EX	11	10	7	3	2
532006EX	11	7	4	2	1
532015EX	16	9	6	3	2
532016EX	15	10	7	3	2
532017EX	17	13	8	4	2
532018EX	22	22	15	7	4

*The minimum operating temperature is -20 °C.

Compliance with standards
Directive ATEX 2014/34/EU
EN 60079-0
EN 60079-7
EN 60079-31

Directive ATEX 2014/35/EU
EN 62208

Atex execution
II 2G 2D
Ex e IIC Gb
Ex tb IIIC Db

Material
Palazzoli antistatic thermosetting GRP

Surface resistance
(prevention of electrostatic charge accumulation)
< 10⁹ Ω

Protection rating
(IP according to IEC/EN 60529)
IP66

Colour
RAL 9005 (black)

Resistance to abnormal heat and fire ("Glow wire" according to IEC/EN 60695-2-10)
960°C

Flammability rating
(according to UL94)
V0

Insulation class
II

Operating temperature
-40°C - +40°C
-40°C - +50°C
-40°C - +60°C
-40°C - +70°C
-40°C - +75°C
(please consult the table)





SUITABLE FOR ZONE 1-2 (GAS) AND 21-22 (DUST)

**Junction boxes**
in thermosetting GRP
with **high cover**
IP66

Outer dimensions (mm)	Max. power dissipation (W)	Palazzoli code	Pack Qty
125x185x125	18	532200EX	1
190x185x125	19	532201EX	1
250x185x125	23	532202EX	1
290x185x125	24	532203EX	1
380x185x125	25	532204EX	1

Notes: the maximum power dissipation is for the maximum ambient temperature of 40°C.**Junction boxes**
in thermosetting GRP
with **low cover**
IP66

Outer dimensions (mm)	Max. power dissipation (W)	Palazzoli code	Pack Qty
92x92x68	8	532035EX*	1
125x92x68	10	532045EX	1
185x92x68	12	532055EX	1
125x125x100	13	532116EX	1
185x125x100	15	532117EX	1
250x125x100	20	532118EX	1

Notes: the maximum power dissipation is for the maximum ambient temperature of 40°C.

*The minimum operating temperature is -20 °C.

**Junction boxes**
in thermosetting GRP
with **high cover**
IP66

Outer dimensions (mm)	Max. power dissipation (W)	Palazzoli code	Pack Qty
92x92x100	11	532005EX	1
125x92x100	11	532006EX	1
185x92x100	16	532015EX	1
125x125x125	15	532016EX	1
185x125x125	17	532017EX	1
250x125x125	22	532018EX	1

Notes: the maximum power dissipation is for the maximum ambient temperature of 40°C.**Back plates**
in galvanised steel
for TAIS boxes

For enclosure code	Plate dimensions (mm)	Palazzoli code	Pack Qty
532035EX-532005EX	59x59	532705	1
532045EX-532006EX	92x58	532714	1
532055EX-532015EX	142x62	532715	1
532116EX-532016EX	86x86	532716	1
532117EX-532017EX	100x86	532717	1
532118EX-532018EX	175x86	532718	1
532200EX-532240EX	95x145	532700	1
532201EX	160x145	532701	1
532202EX-532242EX	220x145	532702	1
532203EX	260x145	532703	1
532204EX-532244EX	333x145	532704	1

**Milling cutters**
cup shaped in steel
for quick drill connection
tungsten carbide
gear teeth specific
for thermosetting GRP

Hole type	Diameter (mm)	Palazzoli code	Pack Qty
M20 - M25 - M32 - M40	20.5 - 25.5 - 32.5 - 40.5	538410	1

The background of the entire page is a deep blue space scene. A bright sun or star is rising over the horizon of the Earth, creating a strong lens flare and illuminating the planet's surface. The Earth's curvature is visible, with the Italian peninsula clearly shown and highlighted by city lights. A network of thin, glowing blue lines connects various points across the sky, resembling a global communication or data network. The Palazzoli logo is positioned in the upper left quadrant.

Palazzoli

— excellence —
FROM ITALY

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