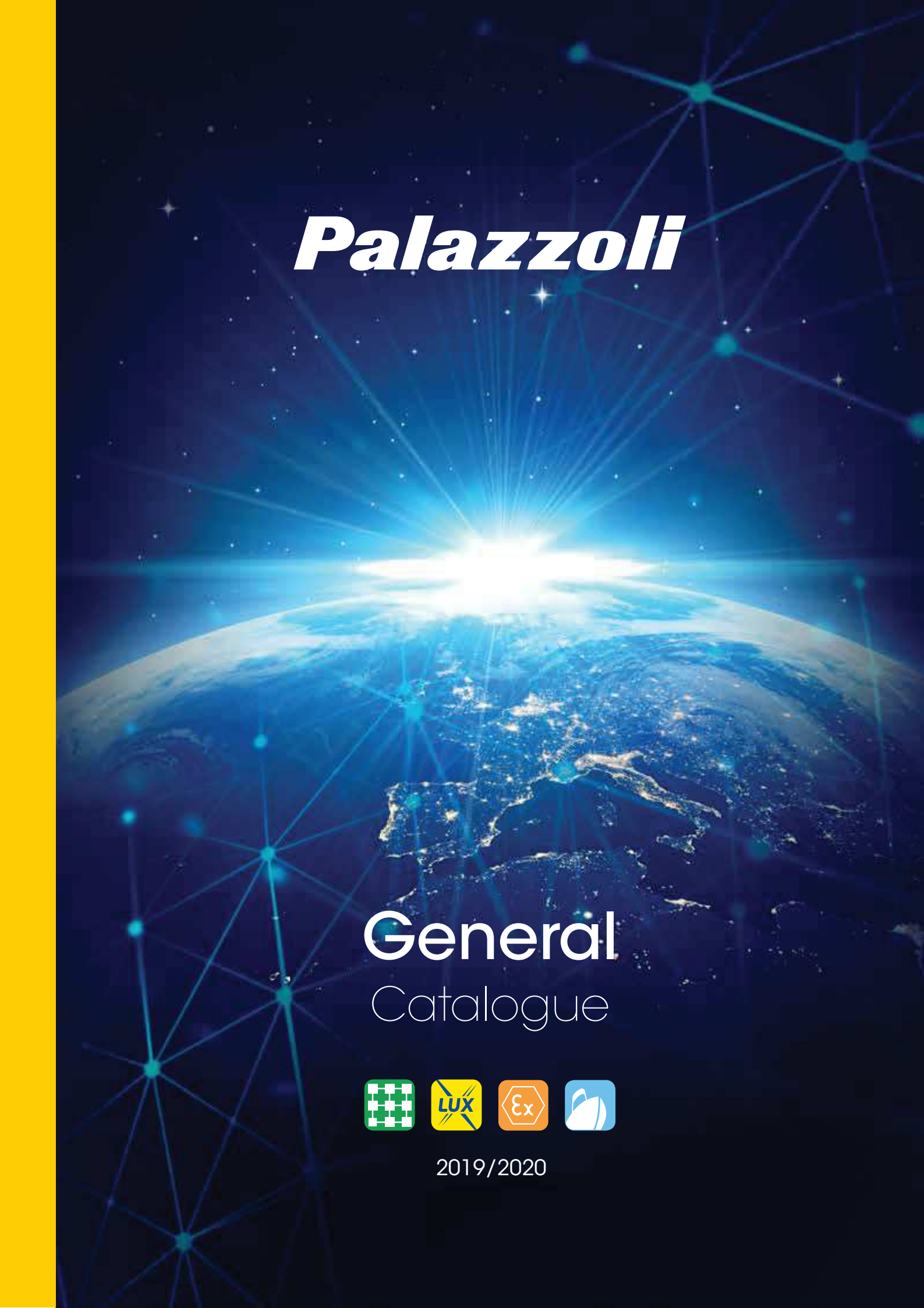




Palazzoli

General Catalogue



2019/2020

Palazzoli



CHIAREZZA DELLA FUNZIONE
SEMPlicità DI PROGETTO
QUALITÀ DELLA MANIFATTURA

CLARITY OF FUNCTION
PROJECT SIMPLICITY
QUALITY OF MANUFACTURE

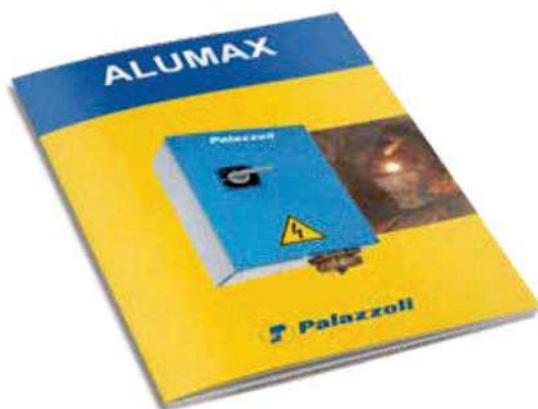




Mobile and flush-mounted sockets and plugs in aluminium alloy for heavy-duty applications, from 250A to 400A with IP67 protection rating, usable with voltage up to 1000V. The aluminium alloy body is reworked with a passivation treatment to improve the resistance to chemical agents. The coupling system of receptacles and plugs makes use of the Easy Contact technology for maximum contact performance over time and ensures easier connection and disconnection operations. Each connection is provided with a double pilot contact.

ALUMAX BROCHURE

The AlumaX brochure can be viewed and downloaded from www.palazzoli.com



Compliance with standards	IEC/EN 60309-1
Material	Aluminium alloy
Surface treatment	Anti-corrosion passivation
Protection rating (IP according to IEC/EN 60529)	IP67
Colour	Natural
Impact resistance (IK grade according to IEC/EN 62262)	IK10
Rated current	250A - 400A
Operating voltage	Up to 1000V
Operating frequency	50-60Hz
Insulation voltage	3.3 KV
Diameter of cable entry for mobile connections	62mm (250A) 80mm (320A-400A)
Clamping range for receptacles and pins	250A: 50mm² - 70mm² 320A: 120mm² 400A: 150mm²
Pilot contacts	2
Pilot contacts clamping section	2.5mm²
Operating temperature	-30°C - +60°C



Resistance to chemical agents

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS			
		CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLORO-ETHYLENE	BENZENE
↑	↑	↓	→	→	↑	↑	↑	↑	↑
OILS		FATS		AMMONIA	OXIDISERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS
MINERAL	VEGETABLE	ANIMAL	SYNTHETIC						
↑	↑	↑	↑	↑	→	↑	↑	↑	↑

Legend: ↑ high resistance → partial resistance ↓ low resistance



Straight mobile plugs
in aluminium alloy
for **high amperages**
50-60Hz **IP67**

Rated current (A)	Poles	No. of pilot contacts (mm ²)	Palazzoli code	Pack Qty
250	3P+ $\neq$	2x10	750530	1
	3P+N+ $\neq$	2x6	750550	1
320	3P+N+ $\neq$	2x6	750650	1
400	3P+N+ $\neq$	2x6	750750	1

Note: up to 660A available on request.

Technical accessories:



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Straight flush-mounted inlets
in aluminium alloy
for **high amperages**
50-60Hz **IP67**

Rated current (A)	Poles	No. of pilot contacts (mm ²)	Palazzoli code	Pack Qty
250	3P+ $\neq$	2x10	751530	1
	3P+N+ $\neq$	2x6	751550	1
320	3P+N+ $\neq$	2x6	751650	1
400	3P+N+ $\neq$	2x6	751750	1

Note: up to 660A available on request.



Straight mobile socket-outlets
in aluminium alloy
for **high amperages**
50-60Hz **IP67**

Rated current (A)	Poles	No. of pilot contacts (mm ²)	Palazzoli code	Pack Qty
250	3P+ $\neq$	2x10	760530	1
	3P+N+ $\neq$	2x6	760550	1
320	3P+N+ $\neq$	2x6	760650	1
400	3P+N+ $\neq$	2x6	760750	1

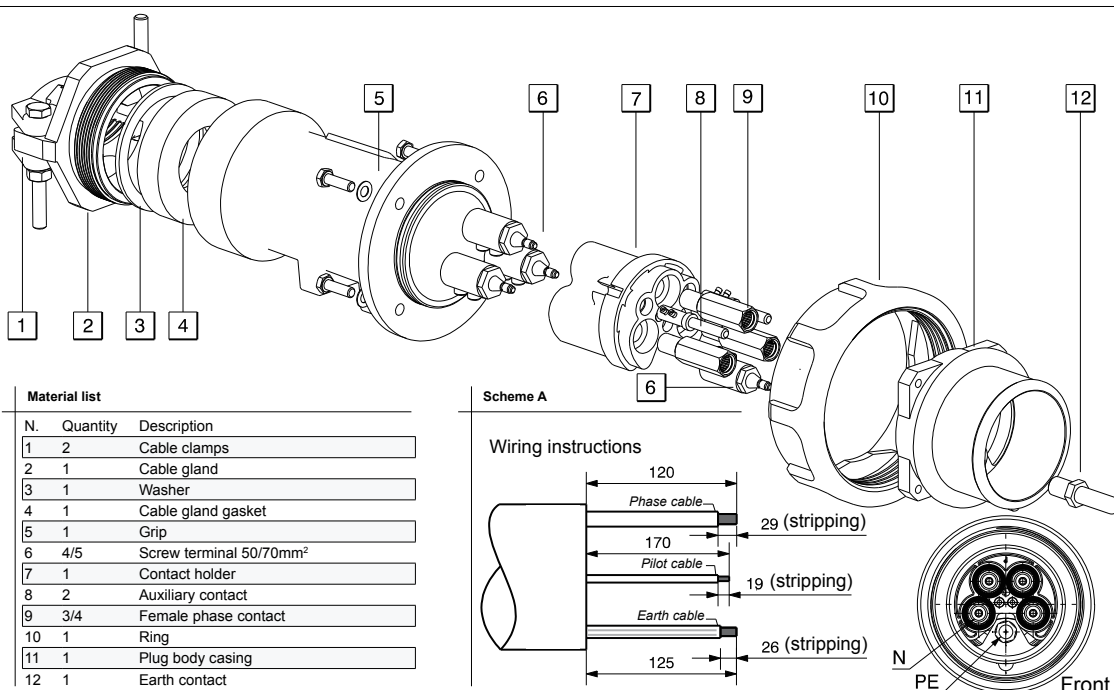
Note: up to 660A available on request.



Straight flush-mounted socket-outlets
in aluminium alloy
for **high amperages**
50-60Hz **IP67**

Rated current (A)	Poles	No. of pilot contacts (mm ²)	Palazzoli code	Pack Qty
250	3P+ $\neq$	2x10	761530	1
	3P+N+ $\neq$	2x6	761550	1
320	3P+N+ $\neq$	2x6	761650	1
400	3P+N+ $\neq$	2x6	761750	1

Note: up to 660A available on request.

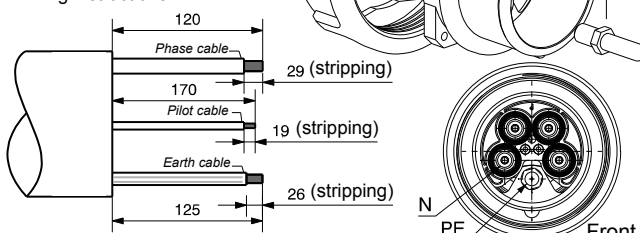


Material list

N.	Quantity	Description
1	2	Cable clamps
2	1	Cable gland
3	1	Washer
4	1	Cable gland gasket
5	1	Grip
6	4/5	Screw terminal 50/70mm ²
7	1	Contact holder
8	2	Auxiliary contact
9	3/4	Female phase contact
10	1	Ring
11	1	Plug body casing
12	1	Earth contact

Scheme A

Wiring instructions



The background of the entire page is a deep blue space scene. At the top, the Palazzoli logo is displayed in white. Below it, the words 'excellence' and 'FROM ITALY' are written in white, with a green and red horizontal bar above 'excellence'. The central part of the image shows the Earth from space, with the sun rising or setting behind the horizon, creating a bright blue and white glow. The Italian peninsula is clearly visible on the Earth's surface, illuminated by city lights. A network of blue lines and dots, resembling a constellation or a digital network, is overlaid on the entire scene.

Palazzoli

— excellence —
FROM ITALY

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