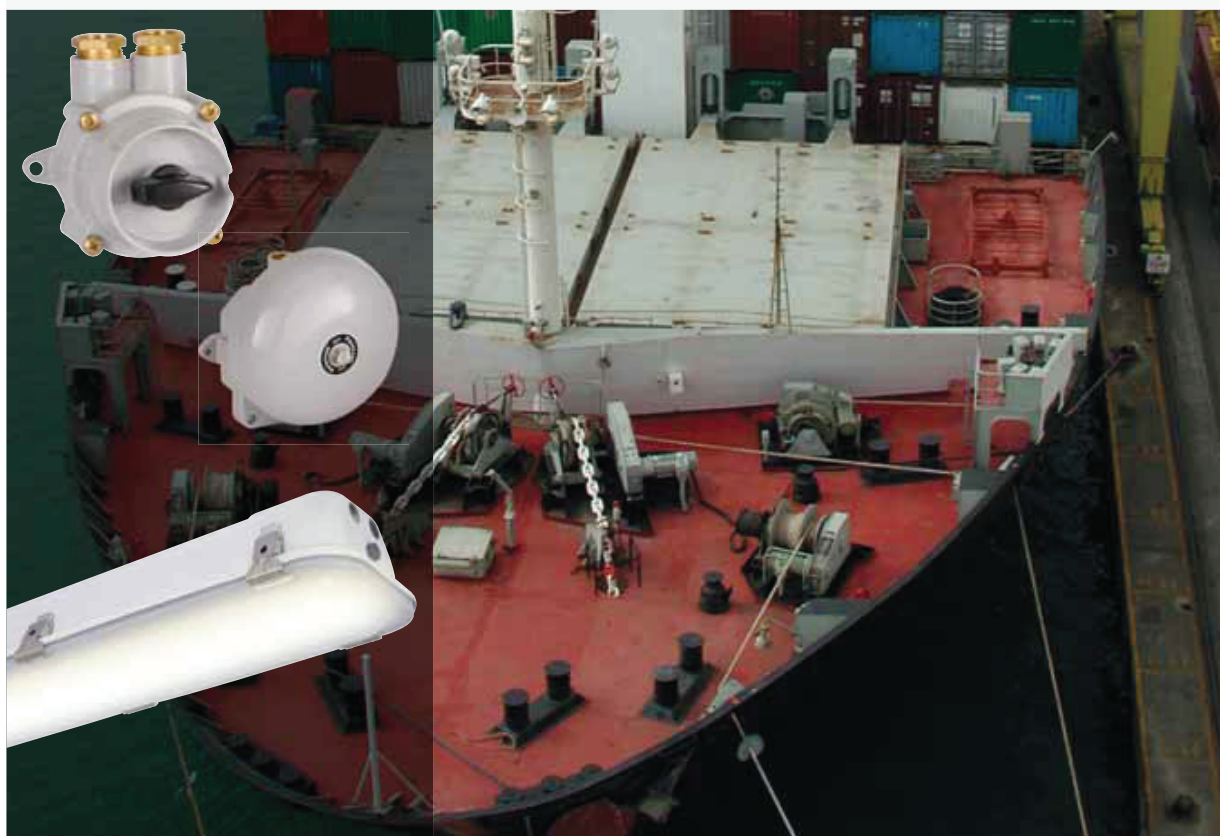## PORTS, WHARFS AND CAMPSITES

ABOARD SHIP

PORTS, WHARFS AND CAMPSITES

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MARINE AND
APPLICATIONS

B-SMART series

Distribution turrets in stainless steel AISI 316L

B-SMART turrets in stainless steel AISI316L are a source for water and electric distribution suitable for wharfs and campsite. All protection and monitoring is protected inside the smart enclosure with linear and minimalist design. The luminous porthole becomes a useful complement for wharfs and footways.

RESISTANT	**VISIBLE**	**CUSTOMIZABLE**
Thanks to stainless steel AISI316L, it can be installed anywhere	Thanks to the socket retro lighting system	Thanks to Palazzoli Technical Service

B-SMART series
Distribution turrets in stainless steel AISI 316L

Conformity to standards	**IEC/EN 61439-1**
Material	**Stainless steel AISI 316L**
Protection rating (IP as per IEC/EN 60529)	**IP56**
Colour	**RAL7035**
Resistance to impacts (IK rating as per IEC/EN 62262)	**IK10**
Lighting lamp	**9W 230V**
Entry terminal block	**3P+N+ of 35mm²**
Lighting circuit terminal block	**2P of 6mm²**
Lampholder	**G23**
Insulation class	**II ▣**
Storage temperature	**-30°C - +70°C**
Operating temperature	**-25°C - +50°C**

CE ⬨

Turrets for wharfs
in AISI 316L stainless steel with
2 industrial sockets and taps
50-60Hz **IP56**

Dimensions (mm)	Industrial sockets		N. water taps	Palazzoli code	Pack Q.ty
	16A 2P+ 230V	32A 2P+ 230V			
360x895x208	2		2	**576100**	1
	1	1	2	**576101**	1

Characteristics: switch compartment door with triangular safety lock. Antiwrench device for cables. Suitable for fastening onto concrete using max M10 threaded pins (not included).

Turrets for wharfs
in AISI 316L stainless steel with
**2 interlocked sockets
and taps**
50-60Hz **IP56**

Dimensions (mm)	Interlocked sockets				N. water taps	Palazzoli code	Pack Q.ty
	16A 2P+ 230V	32A 2P+ 230V	32A 3P+N+ 400V	63A 3P+N+ 400V			
360x895x208	2				2	**576110**	1
	1	1			2	**576111**	1
360x895x276			2		2	**576112**	1
			1	1	2	**576113**	1

Characteristics: switch compartment door with triangular safety lock. Antiwrench device for cables. Suitable for fastening onto concrete using max M10 threaded pins (not included).

Turrets for wharfs
in AISI 316L stainless steel with
**4 interlocked sockets
and taps**
50-60Hz **IP56**

Dimensions (mm)	Interlocked sockets					N. water taps	Palazzoli code	Pack Q.ty
	16A 2P+⏚ 230V	16A 3P+⏚ 400V	16A 3P+N+⏚ 400V	32A 2P+⏚ 230V	32A 3P+N+⏚ 400V			
360x895x276	4					4	**576200**	1
			4			4	**576201**	1
	2	2				4	**576202**	1
	2			2		4	**576203**	1
	2		2			4	**576205**	1
	2	1			1	4	**576206**	1

Characteristics: switch compartment door with triangular safety lock. Antiwrench device for cables. Suitable for fastening onto concrete using max M10 threaded pins (not included).

Turrets for campsites
in AISI 316L stainless steel
with 4 industrial sockets
50-60Hz **IP56**

Dimensions (mm)	Industrial sockets 16A 2P+⏚ 230V	Palazzoli code	Pack Q.ty
360x895x276	4	**576401**	1

Characteristics: switch compartment door with triangular safety lock. Antiwrench device for cables. Suitable for fastening onto concrete using max. M10 threaded pins (not included).

Turret for wharf-end
in AISI 316L stainless steel
IP56

N. EN50022 modules	Dimensions (mm)	Palazzoli code	Pack Q.ty
36 (12x3)	360x895x276	**576800**	1

Characteristics: the protection devices can be mounted on EN50022 rail in 3 separate watertight insulating enclosures. The input and output of the power supply lines can be made from below. Suitable for fastening onto concrete using max. M10 threaded pins (not included).

Turrets for campsites
in AISI 316L stainless steel
with 4 interlocked sockets
50-60Hz **IP56**

Dimensions (mm)	Interlocked sockets 16A 2P+⏚ 230V	Palazzoli code	Pack Q.ty
360x895x276	4	**576400**	1

Characteristics: switch compartment door with triangular safety lock. Antiwrench device for cables. Suitable for fastening onto concrete using max. M10 threaded pins (not included).

Fire prevention turret
in AISI 316L stainless steel
for an extinguisher
IP56

Housable extinguisher	Dimensions (mm)	Palazzoli code	Pack Q.ty
one extinguisher 6 or 9 kgs	360x895x276	**576600**	1

Characteristics: flat breakable glass with "SAFE CRASH" patent. the cabinet is supplied with 9W-230V fluorescent lighting, red diffuser and G23 lamp holder. Suitable for fastening onto concrete using max. M10 threaded pins (not included).

Support base
for turrets

For turrets with dimension	Application	Material	Palazzoli code	Pack Q.ty
360x895x208	Raising 65 mm and floor flush-mounted	Stainless steel	**575701**	1
360x895x276			**575702**	1

Decorative and containment frame in stainless steel AISI 316L for B-SMART turrets

Description	For turrets with dimensions	Palazzoli code	Pack Q.ty
Stainless steel frame with fixing screws	360x895x208	**575711**	1
Stainless steel frame with fixing screws	360x895x276	**575710**	1

Fire prevention turrets
in AISI 316L stainless steel
with fire hose and nozzle
IP56

Equipment	Dimensions (mm)	Palazzoli code	Pack Q.ty
Fire hose and nozzle	360x895x276	**576601**	1

Characteristics: 20m "gomel" fire hose, 45mm diameter. AWG UNI45 nozzle with 3 effects complete with1"1/2 UNI45 brass tap. Flat breakable glass with "SAFE CRASH" patent. The cabinet is supplied with 9W-230V fluorescent lighting, red diffuser and G23 lampholder. Suitable for fastening onto concrete using max. M10 threaded pins (not included).

Breakable glass
SAFE CRASH
for fire prevention turrets

Description	Palazzoli code	Pack Q.ty
flat breakable glass with "SAFE CRASH" patented	**575706**	1

Lock kit for turrets
for wharfs and campsites

Description	Palazzoli code	Pack Q.ty
Kit with 2 unificated code keys	**575708**	1

MARINE AND APPLICATIONS

CONTAINER series is the electrical connection system specific for reefer containers on ships and ports, with 3h reference as defined in the IEC EN 60309-2 standard.

Palazzoli thermosetting (GRP) and aluminium alloy are the best materials, resistant to any weather condition, which allows the Lloyd's Register certification for the switched interlocked sockets.

TOTAL PROTECTION Thanks to resistance to salty atmosphere, UV rays and over temperatures	**AC3-AC23A** At rated current thanks to the isolator switch	**CERTIFIED** With Lloyd's Register

THERMOSETTING (GRP)

Conformity to standards	**IEC/EN 60309-1** **IEC/EN 60309-2** **IEC/EN 60309-4**
Characteristics	**32A 3P+⏚ 380/440V 3h**
Protection rating (IP as per IEC/EN 60529)	**IP66 - IP67 - IP66/IP67**
Storage temperature	**-30°C - +70°C**
Operating temperature	**-25°C - +50°C**

CE Ⓜ Ⓥ РСТ Lloyd's Register

Rated operating current – isolator switch:			**32A**
Thermal current Ith		**A**	**32**
AC21A	400V	A	32
AC22A	400V	A	32
AC23A	400V	A	32
AC23A	400V	kW	15
AC3	400V	kW	15

M32 ENTRY

Switched sockets
in thermosetting (GRP)
with mechanical **interlock**
and **MCB,** for wall mounting
50-60Hz **IP67**

Lloyd's Register

Rated current (A)	Rated voltage	Voltage colour	Poles	H. ref.	Palazzoli code	Pack Q.ty
32	380/440V	🔴	3P+⏚	3	**474771**	1

M32 ENTRY

Switched sockets
in thermosetting (GRP)
with mechanical **interlock,**
for wall mounting
50-60Hz **IP66/IP67**

Lloyd's Register

Rated current (A)	Rated voltage	Voltage colour	Poles	H. ref.	Palazzoli code	Pack Q.ty
32	380/440V	🔴	3P+⏚	3	**469233**	1

M32 ENTRY

Switched sockets
in thermosetting (GRP) with
mechanical interlock and
EN 50022 rail, for wall
mounting
50-60Hz **IP67**

Rated current (A)	Rated voltage	Voltage colour	Poles	H. ref.	Palazzoli code	Pack Q.ty
32	380/440V	🔴	3P+⏚	3	**472133**	1

Technical accessories:

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MARINE AND APPLICATIONS

ALUMINIUM

F1 WINDOW

Switched sockets
in aluminium alloy
with mechanical **interlock**
and **MCB,** for wall mounting
50-60Hz **IP55**

Lloyd's
Register

Rated current (A)	Rated voltage	Voltage colour	Poles	H. ref.	Palazzoli code	Pack Q.ty
32	380/440V	●	3P+⏚	3	**474486**	1

F1 WINDOW

Switched sockets
in aluminium alloy
with mechanical **interlock,**
for wall mounting
50-60Hz **IP67**

Lloyd's
Register

Rated current (A)	Rated voltage	Voltage colour	Poles	H. ref.	Palazzoli code	Pack Q.ty
32	380/440V	●	3P+⏚	3	**460233**	1

F1 WINDOW

Switched sockets
in aluminium alloy with
mechanical **interlock** and
EN 50022 rail, for wall
mounting
50-60Hz **IP67**

Rated current (A)	Rated voltage	Voltage colour	Poles	H. ref.	Palazzoli code	Pack Q.ty
32	380/440V	●	3P+⏚	3	**472735**	1

Technical accessories:

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THERMOPLASTIC

Switched sockets
with mechanical **interlock,**
for flush mounting
50-60Hz **IP66/IP67**

Rated current (A)	Rated voltage	Voltage colour	Poles	H. ref.	Palazzoli code	Pack Q.ty
32	380/440V	●	3P+⏚	3	**491233**	1

Technical accessories:

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BRASS

Switched interlocked sockets
UNAV 2169 in marine grey
painted brass with UNAV 1948
cable glands
50-60Hz **IP66**

Rated current (A)	Rated voltage	Poles	H. ref. (h)	Entry number	Entry type	Palazzoli code	Pack Q.ty
32	380/440V	3P+⏚	3	1	330x18 M30x2 UNAV 1948	**472401**	1
	380/440V	3P+⏚	3	2 lateral opposite	1″ gas	**472411**	1

Plug
UNAV 2172 in marine grey
painted brass
50-60Hz **IP66**

Rated current (A)	Rated voltage	Voltage colour	Poles	H. ref.	Palazzoli code	Pack Q.ty
32	380/440V	●	3P+⏚	3	**477411**	2

Equipment included: cable glands 36x21 UNAV 1948.

THERMOPLASTIC

Plug
with cable gland,
for heavy duty
50-60Hz **IP67**

Rated current (A)	Rated voltage	Voltage colour	Poles	H. ref.	Palazzoli code	Pack Q.ty
32	380/440V	🔴	3P+⏚	3	**477486**	1

Connectors
with cable gland,
for heavy duty
50-60Hz **IP67**

Rated current (A)	Rated voltage	Voltage colour	Poles	H. ref.	Palazzoli code	Pack Q.ty
32	380/440V	🔴	3P+⏚	3	**473486**	1

Inlets
90° angled,
for heavy duty,
for wall mounting
50-60Hz **IP67**

Rated current (A)	Rated voltage	Voltage colour	Poles	H. ref.	Palazzoli code	Pack Q.ty
32	380/440V	🔴	3P+⏚	3	**476486**	1

Technical accessories:

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Sockets
15° angled,
for flush mounting
50-60Hz **IP66/IP67**

Rated current (A)	Rated voltage	Voltage colour	Dimensions (mm)	Poles	H. ref.	Palazzoli code	Pack Q.ty
32	380/440V	🔴	88x100	3P+⏚	3	**489233**	1

Technical accessories:

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MARINE AND APPLICATIONS

NAVE series is a range of products for connection, junction and lighting that are in compliance with UNAV standards used in specific prescriptions for ships and ferry boats.
The special materials used for enclosure and internal components makes traditional products still up-to-date where you may need quality and long-term durability.

NON AGEING
Thanks to
the noble materials

IP66 GUARANTEED
Thanks to the external
predisposition for installation

COMPLETE
Thanks to
the included terminals

Conformity to standards	**UNAV unification tables**
Material	**Painted polished brass**
Protection rating (IP as per IEC/EN 60529)	**IP66**
Colour	**RAL7042**
Insulation class	**I**
Storage temperature	**50°C - +80°C**
Operating temperature	**- 40°C - +70°C**

Junction boxes
UNAV 2181 in marine grey painted thermosetting (GRP), with terminal block **IP67**

External dimensions (mm)	Terminal blocks	Palazzoli code	Pack Q.ty
92x92x100	4x6 mm^2	**115200**	1
125x92x100	2 lines of 4x6 mm^2	**115201**	1
125x92x100	2 lines of 6x6 mm^2	**115202**	4

Junction boxes
UNAV 1398 in marine grey painted brass with terminal block and UNAV 1948 glands **IP66**

Internal diameter (mm)	Terminal blocks	N. cable glands	Palazzoli code	Pack Q.ty
70	4x6 mm^2	2 opposite	**115125**	1
70	4x6 mm^2	3 opposite	**115135**	1
70	4x6 mm^2	4 opposite	**115145**	1

Equipment included: brass cable glands M24 x1,5. Internal and external earth screws.
Characteristics: terminal block with mantle terminals.

MARINE AND APPLICATIONS

Junction boxes
UNAV 2161 in marine grey painted brass with terminal block and UNAV 1948 glands **IP66**

Internal diameter (mm)	Terminal blocks	N. cable glands	Palazzoli code	Pack Q.ty
62	4x6 mm²	2 opposite + 2 caps	**115628**	1
62	4x6 mm²	3 opposite + 1 cap	**115638**	1
62	4x6 mm²	4 opposite	**115648**	1

Equipment included: brass cable glands M24 x1,5. Internal and external earth screws.
Characteristics: terminal block with mantle terminals.

Sockets
UNAV 1435 in marine grey painted brass with terminal block and UNAV 1948 glands 50-60Hz **IP66**

Rated current (A)	Rated voltage	Poles	N. cable glands	Palazzoli code	Pack Q.ty
10	24V~	2P+⏚	1	**461121**	1
	127V~	2P+⏚	1	**461151**	1
	230V~	2P+⏚	1	**461131**	1

Equipment included: brass cable glands M24 x1,5. Internal and external earth screws.

Junction box
UNAV 1398 in solid brass with terminal block and UNAV 1948 glands **IP66**

Internal diameter (mm)	Terminal blocks	N. cable glands	Palazzoli code	Pack Q.ty
70	4x6 mm²	2	**861551**	1

Equipment included: brass cable glands M24 x1,5.

Switched interlocked sockets
UNAV 1436 in marine grey painted brass with UNAV 1948 cable glands 50-60Hz **IP56**

Rated current (A)	Rated voltage	Poles	N. cable glands	Palazzoli code	Pack Q.ty
10	127V~	2P+⏚	1	**462151**	1
	230V~	2P+⏚	1	**462131**	1

Equipment included: brass cable glands M24 x1,5. Internal and external earth screws.

Plugs
UNAV 1437 with ring and rubber protection sleeve 50-60Hz **IP56**

Rated current (A)	Rated voltage	Poles	Palazzoli code	Pack Q.ty
10	24V~	2P+⏚	**467021**	10
	127V~	2P+⏚	**467051**	10
	230V~	2P+⏚	**467031**	10

Switched interlocked sockets
UNAV 2169 in marine grey painted brass with UNAV 1948 cable glands
50-60Hz **IP66**

Rated current (A)	Rated voltage	Poles	H. ref.	Entry number	Entry type	Palazzoli code	Pack Q.ty
32	380/440V	3P+⊥	3	1	330x18 M30x2 UNAV 1948	**472401**	1
	380/440V	3P+⊥	3	2 lateral opposite	1″ gas	**472411**	1

Equipment included: brass cable glands. Terminal blocks 3x16 mm2 on ceramic support.
Characteristics: switch is controlled directly by inserting/removing the plug.

Sockets
UNAV 2166 in marine grey painted brass with UNAV 1948 cable glands
50-60Hz **IP66**

Rated current (A)	Rated voltage	Colour voltage (h)	Poles	H. ref.	Palazzoli code	Pack Q.ty
16	230V	●	2P+⊥	6	**478213**	1
	230V	●	3P+⊥	9	**478313**	1
	400V	●	3P+⊥	6	**478323**	1

Equipment included: brass cable glands M24x1,5.
Characteristics: contact holder insert in thermosetting (GRP) self-extinguishing material.

Plug
UNAV 2172 in marine grey painted brass
50-60Hz **IP66**

Rated current (A)	Rated voltage	Voltage colour	Poles	H. ref.	Palazzoli code	Pack Q.ty
32	380/440V	●	3P+⊥	3	**477411**	2

Equipment included: cable glands 36x21 UNAV 1948.

MARINE AND APPLICATIONS

One-way switches
UNAV 2162 in marine grey painted brass with UNAV 1948 cable glands
250V **IP66**

Rated current (A)	Poles	N. cable glands	Palazzoli code	Pack Q.ty
10	1	1	**232616**	1
	1	2 combined	**232626**	1
	1	2 opposite	**232636**	1
	2	2 combined	**232627**	1
	2	2 opposite	**232637**	1

Equipment included: brass cable glands M24 x1,5. Internal and external earth screws.

Two-way switches
UNAV 2162 in marine grey painted brass with UNAV 1948 cable glands
250V **IP66**

Rated current (A)	Poles	N. cable glands	Palazzoli code	Pack Q.ty
10	2	2 combined	**232628**	1

Equipment included: brass cable glands M24 x1,5. Internal and external earth screws.

One-way switches
UNAV 2162 in solid brass with UNAV 1948 cable glands
250V **IP66**

Rated current (A)	Poles	N. cable glands	Palazzoli code	Pack Q.ty
10	1	1	**861550**	1

Equipment included: brass cable glands M24 x1,5.

Bells
UNAV 1384 in marine grey painted brass with UNAV 1948 cable glands
50-60Hz **IP66**

Rated voltage	Drum diameter (mm)	1 metre sound level (dB)	Power (VA)	N. cable glands	Palazzoli code	Pack Q.ty
24V~	105	101	13VA initial 11VA vibrating	1	**900355**	1
110V~	105	101	13VA initial 11VA vibrating	1	**900365**	1
230V~	105	101	13VA initial 11VA vibrating	1	**900375**	1

Equipment included: cable gland with gasket, terminal block in insulating thermosetting (GRP) material.
Characteristics: they are suitable for continuous and with 1 hour pause every 4 hours operation. Internal and external earth screws.

Sirens
UNAV 1382 in marine grey painted brass with UNAV 1948 cable glands
50-60Hz **IP66**

Rated voltage	Frequency	1 metre sound level (dB)	Power (VA)	N. cable glands	Palazzoli code	Pack Q.ty
24V~	50/60Hz	107/105	60VA initial 25VA vibrating	1	**900553**	1
110V~	50/60Hz	107/105	60VA initial 25VA vibrating	1	**900563**	1
230V~	50/60Hz	107/105	60VA initial 25VA vibrating	1	**900573**	1

Equipment included: cable gland with gasket, terminal block in insulating thermosetting (GRP) material.
Characteristics: with vibrating diaphragm, they are suitable for continuous and with 1 hour pause every 4 hours operation. Internal and external earth screws.

Directional horn
UNAV 1382 in marine grey painted brass for sirens

Max diameter (mm)	Projection siren+horn (mm)	Palazzoli code	Pack Q.ty
112	238	**900548**	1

Equipment included: complete with stainless steel fixing screws.

Oval bulkhead lamps
UNAV 2135 in marine grey painted brass with glass diffuser
230V **IP66**

Lamp max power (W)	Lampholder type	N. cable glands	Palazzoli code	Pack Q.ty
60	E27	1	**831069**	1
60	E27	2	**831089**	1
75	E27	1	**831109**	1
75	E27	2	**831189**	1
100	E27	1	**831209**	1
100	E27	2	**831289**	1

Equipment included: brass cable glands M24 x1,5. Internal and external earth screws.

Cylindrical lighting fixtures
UNAV 2132 in marine grey painted brass with UNAV 1948 cable glands
230V **IP66**

Lamp max power (W)	Lampholder type	N. cable glands	Palazzoli code	Pack Q.ty
75	E27	1	**850140**	1
75	E27	2 opposite	**850143**	1

Equipment included: brass cable glands M24 x1,5. Internal and external earth screws.

Protective cage
in stainless steel-glass for UNAV 2135 bulkhead lamps

Lighting fixture max power	Palazzoli code	Pack Q.ty
60W	**831527**	1
75W	**831627**	1
100W	**831727**	1

Cylindrical lighting fixtures
UNAV 2133 in marine grey painted brass
230V **IP66**

Lamp max power (W)	Lampholder type	N. cable glands	Palazzoli code	Pack Q.ty
60	E27	2 combined	**850054**	2

Equipment included: brass cable glands ¾" feedthrough. Internal and external earth screws.

Lamp holder
Swann type, bayonet mount for UNAV 2135 bulkhead lamps

Type	Lampholder material	Palazzoli code	Pack Q.ty
B22d 4A 250V	Brass	**859412**	1

Equipment included: fixing support.

MARINE AND APPLICATIONS

Boxes in marine painted grey brass with UNAV 1948 cable glands, for lighting fixtures UNAV2133
IP66

Lamp max power (W)	Lampholder type	N. cable glands	Cable glands	Palazzoli code	Pack Q.ty
60	E27	1	M24x1,5	**850042**	1
60	E27	2 opposite	M24x1,5	**850045**	1
60	E27	2 combined ¾"bulkhead feedthrough fitting		**850065**	1

Equipment included: brass cable glands. Internal and external earth screws.

Globe holder ring
UNAV 2133 in nickel plated brass, for cylindrical lighting fixtures

Lighting fixture max power (W)	Palazzoli code	Pack Q.ty
60W	**850050**	1

Boxes in marine painted grey brass with UNAV 1948 cable glands, holder ring for UNAV 2134 fixtures
250V - **IP66**

Lamp max power (W)	Lampholder type	N. cable glands	Cable glands	Palazzoli code	Pack Q.ty
60	E27	1	M24x1,5	**815141**	1
60	E27	2 opposite	M24x1,5	**815151**	1
60	E27	2 combined	M24x1,5	**815161**	1
60	E27	2 combined ¾"bulkhead feedthrough fitting		**815181**	1

Equipment included: brass cable glands. Internal and external earth screws.
Characteristics: the code 815181 is UNAV 1796.

Globe holder ring
UNAV 2133 in nickel plated brass with stainless steel cage for cylindrical lighting fixtures

Lighting fixture max power (W)	Palazzoli code	Pack Q.ty
60W	**850058**	1

Diffusers
UNAV 1268 in coloured smooth glass, for cylindrical lighting fixtures

Lighting fixture max power (W)	Colour	Palazzoli code	Pack Q.ty
60W	Transparent	**850060**	1
40W	Blue	**850061**	1
40W	Yellow	**850062**	1
40W	Red	**850063**	1
40W	Green	**850064**	1

Cage
in stainless steel, for UNAV 2132 lighting fixtures

Lighting fixture max power (W)	Palazzoli code	Pack Q.ty
60W	**819022**	1
75W	**850172**	1

Base for ceiling-mounting
in tropicalized steel
for cylindrical lighting fixtures
UNAV 2132, 2133, 2134

Type	Palazzoli code	Pack Q.ty
A UNAV 1228	**850090**	1

Reflectors
in painted zinced steel
for cylindrical lighting fixtures

Lighting fixture max power (W)	Colour	Palazzoli code	Pack Q.ty
60W	White	**819030**	5
75W	White	**819130**	5
100W	White	**819230**	5

Bases for wall mounting
in tropicalized steel
for cylindrical lighting fixturess
UNAV 2132, 2133, 2134

Type	Palazzoli code	Pack Q.ty
B UNAV 1228	**850091**	1

Shade
in painted zinced steel
for directing lighting output
of cylindrical lighting fixtures

Lighting fixture max power (W)	Colour	Palazzoli code	Pack Q.ty
60W	Aluminium	**819035**	1
75W	Aluminium	**819135**	1
100W	Aluminium	**819235**	1

Lamp holder
Swann type, bayonet mount
for cylindrical lighting fixtures

Type	Lampholder material	Palazzoli code	Pack Q.ty
B22d 4A 250V	Brass	**859400**	1

Equipment included: fixing support.

MARINE AND
APPLICATIONS

Lighting fixtures
UNAV 2139 in marine grey painted brass
230V **IP66**

Lighting fixture max power (W)	Lampholder type	N. cable glands	Palazzoli code	Pack Q.ty
3x75	3xE27	1	**850300**	1

Equipment included: M24x1,5 brass cable glands. Internal and external earth screws.
Characteristics: globe-holder ring with hinge. Transparent glass diffuser.

Lighting fixtures
UNAV 2139 in marine grey painted brass with stainless steel cage
230V **IP66**

Lighting fixture max power (W)	Lampholder type	N. cable glands	Palazzoli code	Pack Q.ty
3x75	3xE27	1	**850301**	1

Equipment included: M24x1,5 brass cable glands. Internal and external earth screws.
Characteristics: globe-holder ring with hinge. Transparent glass diffuser.

Sprung installation base
for UNAV 2139 lighting fixturess

Type	Palazzoli code	Pack Q.ty
UNAV 1230 for ½″ gas conduit	**850391**	1

Uses: for pendant installation with 1/2″ gas steel conduit.

Cable glands
UNAV 1948 in brass, with sleeve coupling
IP66

Type	Palazzoli code	Pack Q.ty
B2 24 UNAV 1948 - M24x1,5	**585410**	10

Characteristics: supplied without washers and gasket.

Bushes
in brass, for earth connection of cable reinforcement
IP66

Internal diameter (mm)	Type	Palazzoli code	Pack Q.ty
8	B2 24 UNAV 1949	**585316**	10
9	B2 24 UNAV 1949	**585317**	10
10,5	B2 24 UNAV 1949	**585318**	10
13	B2 24 UNAV 1949	**585319**	10

Characteristics: supplied without washers and gasket.

Cable gland
UNAV 1062 in brass

Type	Palazzoli code	Pack Q.ty
24 UNAV 1062	**585480**	10

Characteristics: supplied without washers and gasket.

Washers
in brass, with gasket
in non-ageing elastomer

Internal diameter (mm)	Palazzoli code	Pack Q.ty
8	**585406**	10
9	**585407**	10
10	**585408**	10
11	**585409**	10
12	**585411**	10
13	**585412**	10
14	**585413**	10
15	**585414**	10
16	**585415**	10
17	**585416**	10

Portable lighting fixture
UNAV 2137 in thermosetting (GRP) with cage in stainless steel
250V **IP65**

Lamp max power (W)	Lampholder type	Palazzoli code	Pack Q.ty
60	E27	**814052**	1

Dotazione: cable entry with n. 1 cable gland with M20 threading and internal cable clamp.
Characteristics: diffuser in ribbed clear glass. Lamp holder in porcelain.

Screwcap
in brass, with gasket
IP66

Threading	Palazzoli code	Pack Q.ty
M24x1,5	**585490**	10

Diffusers
in clear ribbed glass
for cylindrical lighting fixtures

Lighting fixture max power (W)	Colour	Palazzoli code	Pack Q.ty
60	Transparent	**819012**	1

MARINE AND
APPLICATIONS

RINO lighting fixtures in painted stainless steel for marine applications are manufactured to perfectly fit the area where they are installed.

They are available in versions for outdoor with body in white painted stainless steel AISI 316 with opal white diffuser, and for indoor with body in white painted zinced steel with transparent polycarbonate diffuser.

RESISTANT Thanks to the total absence of welded joints	**PERFECT TIGHTNESS** Thanks to the fixing pins and pre-assembled anti-vibration systems	**PERFORMING** Thanks to the diffuser in polycarbonate, unbreakable, with V2 self-extinguishing grade, anti yellowing, stabilized against UV rays

RINO series
Lighting fixtures in painted stainless steel for marine use

Conformity to standards	**IEC/EN 60598-1** **IEC/EN 60598-2-1**
Material	**Stainless steel AISI 316L** **Painted zinced steel**
Painting	**Non-toxic polyester resistant to atmospherical agents and UV rays**
Diffuser material	**Policarbonate and opale policarbonate**
Protection rating (IP as per IEC/EN 60529)	**IP66**
Resistance to impacts (IK rating as per IEC/EN 62262)	**IK09**
Lampholder	**G13 T8**
Rated voltage	**230V**
Frequency	**0-50-60Hz (electronic)** **60Hz (electromagnetic)**
Max cable section	**2,5 mm²**
Entry cable diameter	**7 - 14 mm**
Emergency battery lifetime	**1h**
Insulation class	**I**
Storage temperature	**-40°C - +70°C**
Operating temperature	**-15°C - +50°C**

Painted stainless steel lighting fixtures with opaline polycarbonate diffuser 230V **IP66**

2 entries per heading

Power (W)	Power supply	Palazzoli code	Pack Q.ty
2x18	Electromagnetic	**878102**	1
2x36	Electromagnetic	**878202**	1
2x18	Electronic	**878132**	1
2x36	Electronic	**878232**	1
(1+1)x18	Electronic	**878111**	1
(1+1)x36	Emergency	**878211**	1

Equipment included: 2 x 2P+E terminal blocks for power supply entry/output. No. 2 M20 nickel-plated brass cable glands. No. 2 M20 caps in nickel plated brass Kit for ceiling fixing with screw and M8 bolt.
On request: supplementary external earth connection with M6 bolt.

Painted steel lighting fixtures with polycarbonate diffuser and white reflector 230V **IP66**

2 entries per heading

Power (W)	Power supply	Palazzoli code	Pack Q.ty
2x18	Electromagnetic	**849102**	1
2x36	Electromagnetic	**849202**	1
2x18	Electronic	**849132**	1
2x36	Electronic	**849232**	1
(1+1)x18	Emergency	**849111**	1
(1+1)x36	Emergency	**849211**	1

Equipment included: 2 x 2P+E terminal blocks for power supply entry/output. No. 2 M20 nickel-plated brass cable glands. No. 2 M20 caps in nickel plated brass Kit for ceiling fixing with screw and M8 bolt.

MARINE AND APPLICATIONS

Palazzoli   315