



# ***Palazzoli***

Tunnel catalogue 2016

**SOLUTIONS FOR ROADWAY, RAILWAY  
AND UNDERGROUNDS**





In 1904 PALAZZOLI began its activity in Brescia when electrical energy was first used in the industry. The Company is specialized in manufacturing electrical appliances with safety features that are protected and watertight, for industrial, marine, civil, agricultural and OEM applications. The offer of PALAZZOLI extends into a wide range of finished products, to which special customized solutions are specifically developed in accordance to the needs of end-users. The products conform to technical and safety standards and are manufactured with very high quality materials, in metal and self-extinguishing isolated thermosetting (GRP) and thermoplastic. PALAZZOLI undertakes the commitment towards all end-users to offer reliable, safe and lasting quality products. This task, as in the last century of activity, continues to honour the trust and respect that customers have posted in its trademark.



RESISTANCE, LONG LIFE AND RELIABILITY FOR  
SUSTAINABLE PRODUCT DEVELOPMENT AND  
APPLICATION



LEADING EXPERIENCE AND KNOW-HOW  
IN ELECTROTECHNOLOGY

HIGH QUALITY PERFORMANCE  
OF TECHNICAL SOLUTIONS

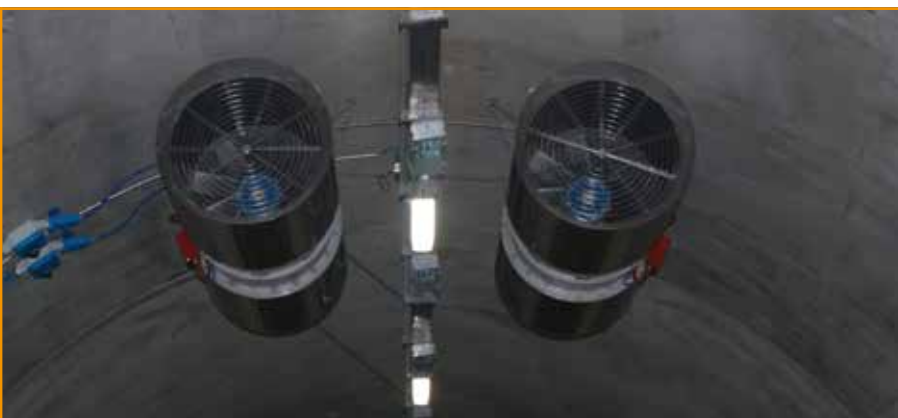


## SUPPORT FOR THE INSTALLATION

All the Palazzoli systems are studied to reduce the installation time guaranteeing a high and continuous standard of performance. In the website [www.palazzoli.com](http://www.palazzoli.com) you can find installation advices, references and videos.



# Solutions for roadway, railway and undergrounds





# Certified quality

**TEST CERTIFICATE**  
**CERTIFICATO DI PROVA**

REGISTRATION NO. AC.00853

PRODUCT: Junction box / Cassette di derivazione

APPLICANT: Palazzoli S.p.A. - via F. Palazzoli, 31 - 25188 Brescia

MANUFACTURER: Palazzoli S.p.A. - via F. Palazzoli, 31 - 25188 Brescia

TRADE MARK: Tunnel

MODEL/TYPE REF. MODEL/TYPE OF TEST:

Code: 150801 (Series Tunnel 54)  
Code: 150801 (Series Tunnel 54)  
Code: 150801 (Series Tunnel 54)  
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Code: 150801 (Series Tunnel 54)  
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**TEST RESULTS**  
Ricevuto in laboratorio

A sample of the material was tested in accordance with the Technical specifications / standards / norms.

Un campione del prodotto sottoposto è stato provato ed è risultato conforme alle norme/specifiche tecniche, per come indicate.

**TEST DETAILS**  
Dettaglio della prova

For Number of tests / Numero di prove	Technical Specifications / Normative Documents / Specifiche Tecniche / Norme di riferimento
0150801/01 0150801/02 0150801/03 0150801/04 0150801/05 0150801/06	CEI EN 50262 Ed. 1.001

Number of tests / Numero di prove: 6

Date and Date of issue: Milano, 15/12/2010

ESAME DEL RAPPORTO DI PROVA RP 04-0177 Rev. 01

IMQ

The system TUNNEL 54 is made from fire-resistant, flame-retardant and rodent-proof devices certified from Laboratories reliable at international level (IMQ, INTEK).

**ESAME DEL RAPPORTO DI PROVA RP 04-0177 Rev. 01**

Prove eseguite:  
Secondo specifica Cliente: Verifica funzionamento ai dati nominali di targa in condizioni eccezionali con temperatura ambiente di 400°C per la durata minima di 2 ore

**Prodotti:**

- Codice 151880 Presa stagna a poli allineati 3P+T tipo FP con interruttore di blocco in contenitore modulare in lega d'alluminio IP 66 Caratteristiche elettriche a 400°C In = 63A Un = 690V 50/60Hz
- Codice 151881 Presa stagna a poli allineati 3P+T tipo FP con interruttore di blocco in contenitore modulare in lega d'alluminio IP 66 Caratteristiche elettriche a 400°C In = 125A Un = 690V 50/60Hz
- Codice 151890 Spina stagna a poli allineati 3P+T tipo FP con corpo in lega d'alluminio Caratteristiche elettriche a 400°C In = 63A Un = 690V 50/60Hz
- Codice 151891 Spina stagna a poli allineati 3P+T tipo FP con corpo in lega d'alluminio Caratteristiche elettriche a 400°C In = 125A Un = 690V 50/60Hz

**Costruttore: Palazzoli S.p.A. - Via F. Palazzoli, 31 - 25188 BRESCIA**

**Esito della prova**

L'insieme della presa con interruttore di blocco con inserita la relativa spina, alimentato alle condizioni nominali di funzionamento con carico trifase 690V 63 - 125A 50Hz, ha regolarmente funzionato senza riscontrare anomalie nella gestione del carico, per 2 ore alla temperatura ambiente di 400°C

Dettaglio della prova va tutto riportato nel n. Rapporto di Prova RP 04-0177 del 2004/04/30

**Cliente:** Palazzoli S.p.A.  
Via F. Palazzoli, 31  
25188 BRESCIA  
tel 030 20 15 1  
fax 030 20 15 217

**Laboratorio di Prova:** Intek SpA  
via Mazzini, 75  
25086 Rozzano (BS)  
Tel (+39 30) 25 91 857  
Fax (+39 30) 25 94 351

**Data emissione:** 2005/05/07

**Tecnici di Laboratorio:** Enrico Veronesi

**Verificato da:** Anna Barozzi

**Responsabile del laboratorio:** Enrico Veronesi

I risultati delle prove riportati in questo esame si riferiscono esclusivamente ai campioni provati e descritti nel n. Rapporto di Prova 04-0177.

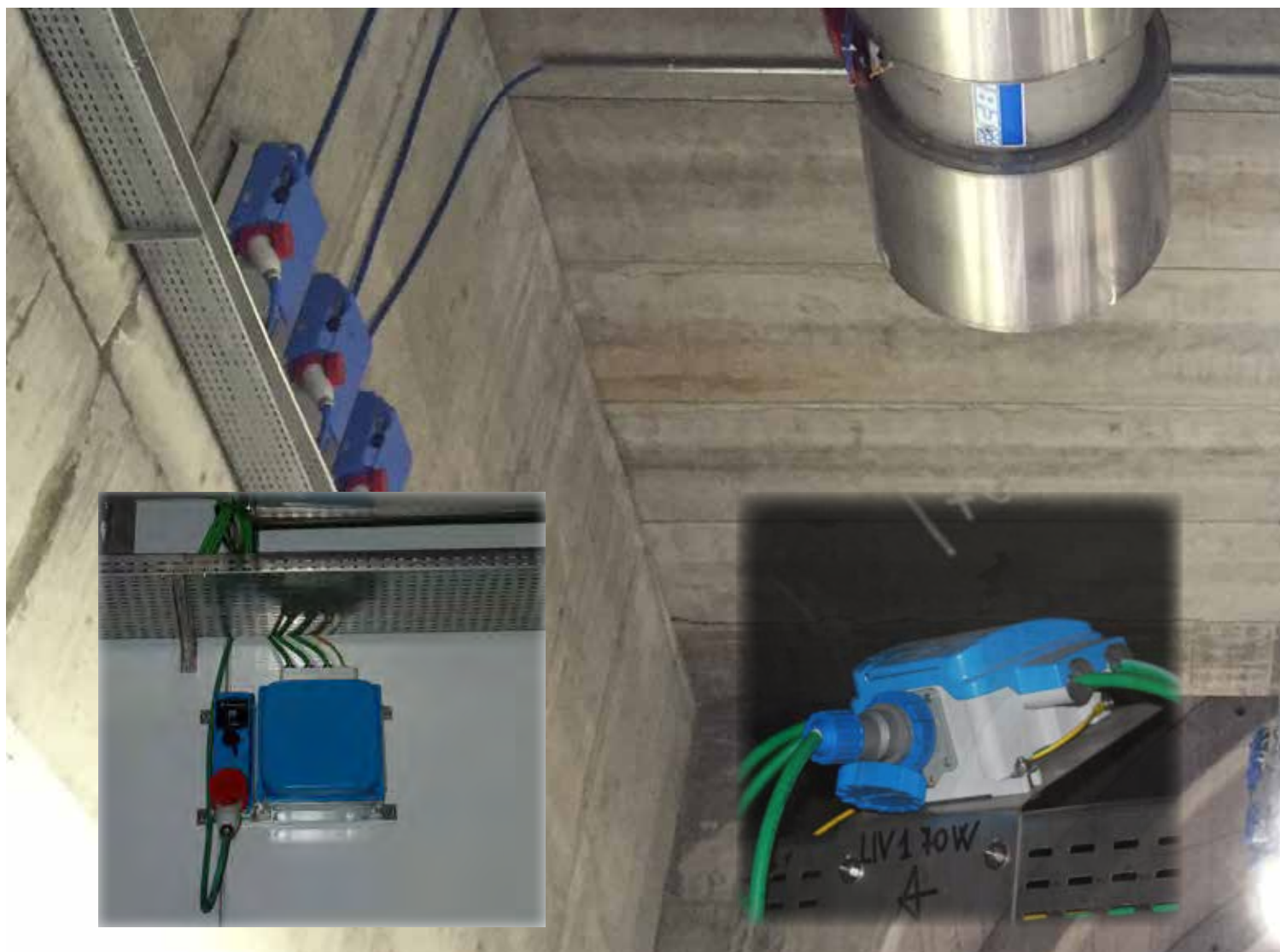
Rev.	Data	descrizione della revisione	Tecnico B.T.	Responsabile ASQ	Dir. Laboratorio
01	2005/05/07	definitiva ed integrata codice prodotto	L. Veronesi	A. Barozzi	E. Veronesi
0	2004/04/30	emissione	E. Veronesi	A. Mina	E. Veronesi

Mod. IMQ 09-01/04 INTEK, via Mazzini 75, 25086 Rozzano (BS) - Italy

The system TUNNEL 54 is made of FIRE PROOF certified aluminum alloy. This certification guarantees the resistance at test performed at 400°C for 120' (in compliance with the guidelines for the design of Safety in roadway tunnels - ANAS/2009) and at 850°C for 90' (EN50200)

# Tunnel systems

TUNNEL54 series is composed of products that comply with safety requirements inside roadway and railway tunnels. The whole system is in compliance with the Standards internationally in force and what is required inside “Guidelines for road tunnel safety design”,



## VENTILATION PLANTS

Socket for ventilators  
up to 47kW



page 38

Socket for ventilators  
up to 117kW



page 40

Junction box  
with insulation perforation  
for ordinary and reinforcing lighting



page 24

## LIGHTING

Junction box  
for ordinary and reinforcing  
lighting



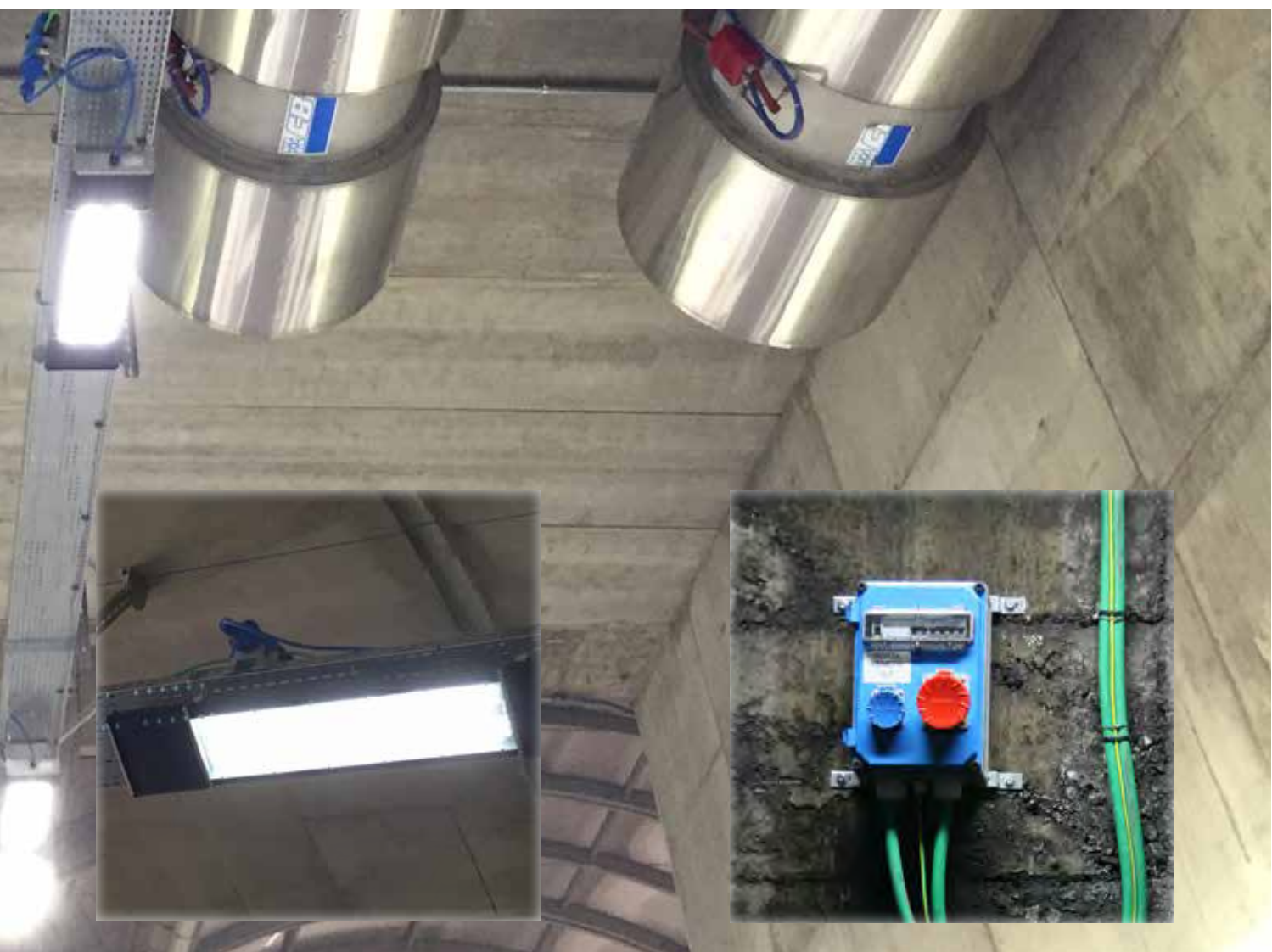
page 26






Junction box  
with insulation perforation  
for ordinary and emergency lighting



page 28

written by ANAS, the Italian company delegated to the construction and maintenance of national motorways and state highways. This document was released as transposition of the European Directive 2004/54/EC.



PLANTS			AUXILIARY PLANTS	
<p>Junction box for ordinary and emergency lighting</p>  <p>for single core cables at page 30 for multi core cables at page 32 line junction boxes at page 34</p>	<p>LED lighting fixtures for reinforcing and permanent lighting</p>  <p>page10</p>	<p>Lighting fixtures in stainless steel AISI 304 for auxiliary lighting</p>  <p>page 18</p>	<p>Combination units in thermosetting (GRP)</p>  <p>page 42</p>	<p>Junction box in aluminium alloy</p>  <p>page 44</p>



3xM25  
Ø 8÷16mm



Switched interlocked sockets  
for ventilators up to 47kW  
for single-pole cables,  
with plug  
50-60Hz IP66 400°C 120°

M40  
Ø 15÷27mm

Rated current (A)	Rated use voltage	Poles	Auxiliary contact (AUX)	Palazzoli Code	Pack Q.ty
63	380÷415V	3P+E	1 NO	151611	1
63	600÷690V	3P+E	1 NO	151612	1

#### Equipment included:

No. 1 63A 3P+E plug IP67. Cable glands included.  
External earth terminal.

M40  
Ø 15÷27mm



Switched interlocked sockets  
for ventilators up to 47kW  
for multi-pole cables,  
with plug  
50-60Hz IP66 400°C 120°

M40  
Ø 15÷27mm

Rated current (A)	Rated use voltage	Poles	Auxiliary contact (AUX)	Palazzoli Code	Pack Q.ty
63	380÷415V	3P+E	1 NO	151613	1
63	600÷690V	3P+E	1 NO	151614	1

#### Equipment included:

No. 1 63A 3P+E plug IP67. Cable glands included.  
External earth terminal.



Reducers  
for large-section  
single-pole cables  
400°C 120°  
850°C 90°  
IP66

Line cables sections (mm²)	Terminals poles sections (mm²)	External dimensions (mm)	Cable gland line (ømm)	Palazzoli Code	Pack Q.ty
from 50 to 70	3x70	185x252x152	M32 (11÷21)	<b>151533</b>	1
from 95 to 120	3x125	252x315x193	M40 (15÷27)	<b>151534</b>	1
from 150 to 185	200	315x315x193	M40 (15÷27)	<b>151535</b>	1

#### Equipment included:

fittings for internal and external earth screws  
M40 output sized for 3x25mm² or 3x16mm² cables  
Code 151535 with cable glands installes on a raised flange F5.



Reducers  
for large-section  
multi-pole cables  
400°C 120°  
850°C 90°  
IP66

Line cables sections (mm²)	Terminals poles sections (mm²)	External dimensions (mm)	Cable gland line (ømm)	Palazzoli Code	Pack Q.ty
50	3x70	185x252x152	M50 (22÷35)	<b>151531</b>	1
70	3x70	185x252x152	M63 (35÷48)	<b>151532</b>	1

#### Equipment included:

fittings for internal and external earth screws  
M40 output sized for 3x25mm² or 3x16mm² cables.



Pair of supports  
in stainless steel AISI 304  
for wall mounting  
of sockets for ventilators

Applications	Palazzoli code	Pack Q.ty
wall mounting with support	<b>151541</b>	1



Pair of supports  
in stainless steel AISI 304  
for fastening sockets for  
ventilators to channel

Applications	Palazzoli code	Pack Q.ty
for L 200mm channel	<b>151542</b>	1
for L 300mm channel	<b>151543</b>	1



Kit of screws  
in stainless steel AISI 304  
for fastening sockets for  
ventilators to channel rod

Applications	Palazzoli code	Pack Q.ty
fastening to channel rod	<b>151544</b>	1





2P+E  
230V

Junction boxes  
in reinforced technopolymer  
with insulation perforation  
for single-pole cables  
IP66

Line cable section (mm²)	Class	External dimensions (mm)	Protections	Palazzoli code	Pack Q.ty
4 - 16	II	164x242x135	-	<b>158201</b>	1
4 - 16	II	164x242x135	1 fusibile 4A (L)	<b>158211</b>	1



2P+E  
230V

Junction boxes  
in aluminium alloy  
for single-pole cables in aluminium  
alloy for ordinary circuits  
with IEC309-2 socket  
IP66 - > IK10



Line cable section (mm²)	Section terminals (mm²)	External dimensions (mm)	Cable gland line (mm)	Palazzoli code	Pack Q.ty
2x (1x4)-2x (1x6)	10	185x252x152	M16 (4÷9,5)	<b>SL461304</b>	1
2x (1x10)-2x (1x16)	16	185x252x152	M20 (7÷13)	<b>SL461305</b>	1
2x (1x25)-2x (1x35)	25-35-50	185x252x152	M32 (11÷21)	<b>SL461306</b>	1
2x (1x50)-2x (1x70)	70-95	252x315x193	M32 (11÷21)	<b>SL461307</b>	1



M20  
Ø 7÷13mm

Junction boxes  
in aluminium alloy with  
insulation perforation for  
single-pole cables with cable  
gland for emergency circuits  
IP66 - 850°C 90°

Line cable section (mm²)	Class	External dimensions (mm)	Protections	Palazzoli code	Pack Q.ty
4-35	I	247x225x130	1 fuse 4A (L)	<b>157011</b>	1
4-35	I	247x225x130	2 fuses 4A (L+N)	<b>157111</b>	1
4-35	II	247x225x130	1 fuse 4A (L)	<b>158011</b>	1
4-35	II	247x225x130	2 fuses 4A (L+N)	<b>158111</b>	1



2xM20  
Ø 7÷13mm

Junction boxes  
in aluminium alloy  
with insulation perforation  
for single-pole cables  
with 2 cable glands  
for emergency circuits  
IP66 - 850°C 90°

Line cable section (mm²)	Class	External dimensions (mm)	Protections	Palazzoli code	Pack Q.ty
4-35	I	247x225x130	1 fuse 6A (L)	<b>157012</b>	1
4-35	I	247x225x130	2 fuses 6A (L+N)	<b>157112</b>	1
4-35	II	247x225x130	1 fuse 6A (L)	<b>158012</b>	1
4-35	II	247x225x130	2 fuses 6A (L+N)	<b>158112</b>	1



2P+E  
230V

Junction boxes  
in aluminium alloy  
with insulation perforation  
for single-pole cables with  
socket for emergency circuits  
IP66 - 850°C 90°

Line cable section (mm²)	Class	External dimensions (mm)	Protections	Palazzoli code	Pack Q.ty
4-35	I	247x225x130	1 fuse 4A (L)	<b>157001</b>	1
4-35	I	247x225x130	2 fuses 4A (L+N)	<b>157101</b>	1
4-35	II	247x225x130	1 fuse 4A (L)	<b>158001</b>	1
4-35	II	247x225x130	2 fuses 4A (L+N)	<b>158101</b>	1



Supports  
for insulation perforation  
boxes

Manufacture material	Palazzoli code	Pack Q.ty
Stainless steel AISI 304	<b>157050</b>	20
Painted zinc steel RAL 7035	<b>157051</b>	20

#### Equipment included:

suitable for channel with maximum height of 100 mm.



Screws  
for fixing junction boxes in  
aluminium on support

Manufacture material	Palazzoli code	Pack Q.ty
Stainless steel	<b>157060</b>	100



Switched interlocked sockets  
for ventilators up to 117kW  
in enclosure predisposed for  
flanges  
50-60Hz IP66 400°C 120'

Rated current (A)	Rated voltage	Poles	Palazzoli code	Pack Q.ty
63	400÷690V	3P+E	<b>151880</b>	1
125	400÷690V	3P+E	<b>151881</b>	1



Plugs with cable gland,  
for ventilators up to 117kW  
50-60Hz IP66 400°C 120'

Rated current (A)	Rated voltage	Poles	Palazzoli code	Pack Q.ty
63	400÷690V	3P+E	<b>151890</b>	1
125	400÷690V	3P+E	<b>151891</b>	1



Supports for ceiling mounting  
of sockets for ventilators up to  
117kW

Manufacture material	Palazzoli code	Pack Q.ty
Stainless steel AISI 304	<b>151900</b>	1

#### Characteristics:

complete with adjustable support for ceiling and 50x30mm perfile and screws.



Flanges in aluminium alloy  
for multi-pole cables  
cable gland in brass  
400°C 120'  
850°C 90'  
IP66

Line cable gland	Fastening diameter (mm)	Palazzoli code	Pack Q.ty
M32	(11÷21)	<b>151930</b>	1
M40	(15÷27)	<b>151931</b>	1
M50	(22÷35)	<b>151932</b>	1
M63	(35÷48)	<b>151933</b>	1



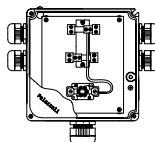
Flanges in aluminium alloy  
for single-pole cables  
cable gland in brass  
400°C 120'  
850°C 90'  
IP66

Line cable gland	Fastening diameter (mm)	Palazzoli code	Pack Q.ty
No. 3 x M25	(8÷16)	<b>151940</b>	1
No. 3 x M32	(11÷21)	<b>151941</b>	1
No. 3 x M40	(15÷27)	<b>151942</b>	1



M25  
Ø 8÷16mm

Junction boxes  
in aluminium alloy with  
terminal block for single-pole  
cables with cable gland  
for emergency circuits  
IP66 - 850°C 90''



Line cable section (mm²)	Pole/section terminals (mm²)	External dimensions (mm)	Cable gland line (ømm)	Palazzoli code	Pack Q.ty
2x (1x4)-2x (1x6)	2x6	185x185x105	M16 (4÷9,5)	<b>151011</b>	1
2x (1x10)-2x (1x16)	2x16	185x185x105	M20 (7÷13)	<b>151022</b>	1
2x (1x25)-2x (1x35)	2x40	185x252x152	M25 (8÷16)	<b>151034</b>	1
2x (1x50)-2x (1x70)	2x70	252x315x193	M32 (11÷21)	<b>151045</b>	1

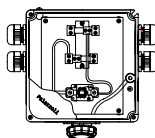
#### Equipment included:

reduction insert for cable glands.



2P+E  
230V

Junction boxes  
in aluminium alloy with  
terminal block for single-pole  
cables with socket  
for emergency circuits  
IP66 - 850°C 90''



Line cable section (mm²)	Pole/section terminals (mm²)	External dimensions (mm)	Cable gland line (ømm)	Palazzoli code	Pack Q.ty
2x (1x4)-2x (1x6)	2x6	185x185x105	M16 (4÷9,5)	<b>151311</b>	1
2x (1x10)-2x (1x16)	2x16	185x185x105	M20 (7÷13)	<b>151322</b>	1
2x (1x25)-2x (1x35)	2x40	185x252x152	M25 (8÷16)	<b>151334</b>	1
2x (1x50)-2x (1x70)	2x70	252x315x193	M32 (11÷21)	<b>151345</b>	1

#### Equipment included:

reduction insert for cable glands.

#### Characteristics:

2-pin terminal block fixed on ceramic base with brass conductive bars and two screws non-loosening terminals.

Nickel-plated brass cable glands with ISO metric thread and cable radial fastening.

M6 inside and outside earth terminal. Protection of the power supply phase of the light body using an E14-D01 ceramic fuse-holder base complete with fuses.

The fuse base is prewired at junction box.

With socket-outlet 16A - 2P+E.

The resistance at 850° C for 90' is applied to the enclosure.

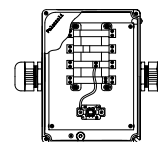
#### Complementary items:

fastening brackets at page 46.



M25  
Ø 8÷16mm

Junction boxes  
in aluminium alloy with  
terminal block for multi-pole  
cables with cable gland  
for emergency circuits  
IP66 - 850°C 90''

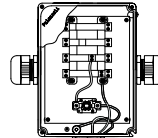


Line cable section (mm²)	Pole/section terminals (mm²)	External dimensions (mm)	Cable gland line (ømm)	Palazzoli code	Pack Q.ty
4x4 - 4x6	4x6	185x252x152	M32 (11÷21)	<b>151241</b>	1
4x10	4x16	185x252x152	M32 (11÷21)	<b>151242</b>	1
4x16	4x16	185x252x152	M40 (15÷27)	<b>151252</b>	1
4x25 - 4x35	4x40	185x252x152	M40 (15÷27)	<b>151264</b>	1
3x50+25 - 3x70+35	4x70	252x315x193	M50 (22÷35)	<b>151275</b>	1
70	4x70	252x315x193	M63 (35÷48)	<b>151285</b>	1



2P+E  
230V

Junction boxes  
in aluminium alloy with  
terminal block for multi-pole  
cables with socket  
for emergency circuits  
IP66 - 850°C 90''

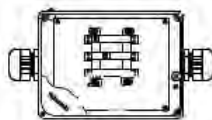


Line cable section (mm²)	Pole/section terminals (mm²)	External dimensions (mm)	Cable gland line (ømm)	Palazzoli code	Pack Q.ty
4x4 - 4x6	4x6	185x252x152	M32 (11÷21)	<b>151441</b>	1
4x10	4x16	185x252x152	M32 (11÷21)	<b>151442</b>	1
4x16	4x16	185x252x152	M40 (15÷27)	<b>151452</b>	1
4x25 - 4x35	4x40	185x252x152	M40 (15÷27)	<b>151464</b>	1
3x50+25 - 3x70+35	4x70	252x315x193	M50 (22÷35)	<b>151475</b>	1
70	4x70	252x315x193	M63 (35÷48)	<b>151485</b>	1





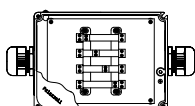
Glazing enclosures  
fan power supply lines  
IP66 - > IK10  
400°C for 120°/850°C for 90°



Line cable section (mm²)	Pole/section terminals (mm²)	External dimensions (mm)	Cable gland line (ømm)	Palazzoli code	Pack Q.ty
3x10-3x16- 3x25	3x25	185x185x105	M40 (15÷27)	<b>151553</b>	1
3x35	3x40	252x185x152	M40 (15÷27)	<b>151564</b>	1
3x50	3x70	252x185x152	M50 (22÷35)	<b>151575</b>	1
3x70	3x70	252x185x152	M63 (35÷48)	<b>151585</b>	1



Line junction boxes  
for power supply lines  
for tunnel lighting fixtures  
IP66 - 850°C 90°



Line cable section (mm²)	Pole/section terminals (mm²)	External dimensions (mm)	Cable gland line (ømm)	Palazzoli code	Pack Q.ty
4x4 - 4x6	4x6	252x185x152	M32 (11÷21)	<b>151641</b>	1
4x10	4x16	252x185x152	M32 (11÷21)	<b>151642</b>	1
4x16	4x16	252x185x152	M40 (15÷27)	<b>151652</b>	1
4x25 - 4x35	4x40	252x185x152	M40 (15÷27)	<b>151664</b>	1
3x50+25 - 3x70+35	4x70	315x252x193	M50 (22÷35)	<b>151675</b>	1
70	4x70	315x252x193	M63 (35÷48)	<b>151685</b>	1

#### Characteristics:

4-pole terminal block fixed on ceramic base with brass conductive bars and two screw non-loosening terminals.

No. 2 nickel-plated brass cable glands with ISO metric thread and cable radial fastening. M6 internal and external earth terminal.

#### On request:

box in stainless steel.



Supports for mounting of  
junction boxes

Manufacture materiale	For boxes with dimensions	Palazzoli code	Pack Q.ty
Stainless steel AISI 304	185x185 - 252x185	<b>151901</b>	10
Stainless steel AISI 304	185x252 - 315x252	<b>151902</b>	10
Stainless steel AISI 304	252x315	<b>151903</b>	10

#### Equipment included:

screws for fixing the boxes.



LED tunnel lighting fixture for permanent lighting with axially symmetrical and transversally symmetrical optic IP66

No. Led	Power (W)	Luminous flux (lm)	Palazzoli code	Pack Q.ty
4	34	4160	<b>154304</b>	1
6	51	6240	<b>154306</b>	1
8	68	8320	<b>154308</b>	1
12	103	12480	<b>154312</b>	1



LED tunnel lighting fixture for permanent and reinforcing lighting with axially symmetrical and transversally 20° asymmetrical optic IP66

No. Led	Power (W)	Luminous flux (lm)	Palazzoli code	Pack Q.ty
4	34	4160	<b>154404</b>	1
6	51	6240	<b>154406</b>	1
8	68	8320	<b>154408</b>	1
12	103	12480	<b>154412</b>	1
18	154	18720	<b>154418</b>	1
24	205	24960	<b>154424</b>	1
30	257	31200	<b>154430</b>	1
36	308	37440	<b>154436</b>	1
42	359	43680	<b>154442</b>	1
48	410	49920	<b>154448</b>	1
54	462	56160	<b>154454</b>	1



LED tunnel lighting fixture for reinforcing lighting with axially 60° counter-beam and transversally symmetrical optic IP66

No. Led	Power (W)	Luminous flux (lm)	Palazzoli code	Pack Q.ty
6	51	6240	<b>154606</b>	1
12	103	12480	<b>154612</b>	1
18	154	18720	<b>154618</b>	1
24	205	24960	<b>154624</b>	1
30	257	31200	<b>154630</b>	1
36	308	37440	<b>154636</b>	1
42	359	43680	<b>154642</b>	1
48	410	49920	<b>154648</b>	1
54	462	56160	<b>154654</b>	1



Pair of supports in stainless steel for rapid fixing of LED lighting fixtures for permanent lighting

Manufacture material	Tray dimensions	Palazzoli code	Pack Q.ty
stainless steel AISI 304	100x75	<b>151910</b>	1
	200x75	<b>151911</b>	1
	300x75	<b>151912</b>	1
	100x100	<b>151913</b>	1
	200x100	<b>151914</b>	1
	300x100	<b>151915</b>	1



Pair of supports in stainless steel for rapid adjustable fixing of LED lighting fixtures for reinforcing lighting

Manufacture material	Tray dimensions	Palazzoli code	Pack Q.ty
stainless steel AISI 304	100x75	<b>151920</b>	1
	200x75	<b>151921</b>	1
	300x75	<b>151922</b>	1
	100x100	<b>151923</b>	1
	200x100	<b>151924</b>	1
	300x100	<b>151925</b>	1



LED lighting fixtures  
in stainless steel-satin finish glass  
with wide beam  
230V IP66



1 entry  
on one side



M20 cable gland  
technopolymer

Power (W)	Length (mm)	Luminous flux (Lm)	Power supply	Palazzoli Code	Pack Q.ty
28	690	3170	electronic	<b>822142</b>	1
51	1300	5900	electronic	<b>822242</b>	1
65	1600	8000	electronic	<b>822342</b>	1

#### Characteristics:

lighting fixtures can be supplied in special execution complete with brackets for rapid fastening to channel and/or wired with cable and plug.



Stainless steel-glass  
lighting fixtures  
with symmetrical reflector  
and electronic ballast  
230V IP66



1 entry  
on one side



M20 cable gland  
brass

Power (W)	Power supply	Lampholder and lamps	Palazzoli Code	Pack Q.ty
2x18	electronic	G13 T8	<b>152132</b>	1
2x36	electronic	G13 T8	<b>152232</b>	1
2x54	electronic	G5 T5	<b>152962</b>	1

#### Characteristics:

lighting fixtures can be supplied in special execution complete with brackets for rapid fastening to channel and/or wired with cable and plug.  
Fluorescent tubes are not included.



Stainless steel-glass  
lighting fixtures  
with asymmetrical reflector  
and electronic ballast  
230V IP66



1 entry  
on one side



M20 cable gland  
brass

Power (W)	Power supply	Lampholder and lamps	Palazzoli Code	Pack Q.ty
2x18	electronic	G13 T8	<b>153132</b>	1
2x36	electronic	G13 T8	<b>153232</b>	1
2x54	electronic	G5 T5	<b>153962</b>	1

#### Characteristics:

lighting fixtures can be supplied in special execution complete with brackets for rapid fastening to channel and/or wired with cable and plug.  
Fluorescent tubes are not included.



Pair of supports  
for rapid mounting  
of tunnel lighting fixtures

Manufacture material	Applications	Palazzoli Code	Pack Q.ty
stainless steel AISI 304	for L 200mm channel	<b>820004</b>	1
stainless steel AISI 304	for L 300mm channel	<b>820005</b>	1



Pair of swivelling supports  
for ceiling or wall mounting  
of steel lighting fixtures

Manufacture material	Rotating angle	Palazzoli Code	Pack Q.ty
stainless steel AISI 304	± 75°	<b>820000</b>	1





AS wired and certified ready-to-use distribution boards with 2 16A interlocked socket-outlets with fuses, differential protection 40A 30mA, in thermosetting (GRP) material IP66/IP67

16A Interlocked socket-outlets		RCD protection	Palazzoli Code	Pack Q.ty
2P+E 230V	3P+E 400V			
2		40A 2P 30mA	<b>500461</b>	1
1	1	40A 4P 30mA	<b>500462</b>	1
	2	40A 4P 30mA	<b>500463</b>	1

**Equipment included:**  
sockets with fuses included.



AS wired and certified ready-to-use distribution boards with 2 16A interlocked socket-outlets and fuses in thermosetting (GRP) material IP66/IP67

16A Interlocked socket-outlets		Palazzoli Code	Pack Q.ty
2P+E 230V	3P+E 400V		
2		<b>500411</b>	1
1	1	<b>500412</b>	1
	2	<b>500413</b>	1

**Equipment included:**  
board with terminal block of 4x16mm<sup>2</sup>  
sockets with fuses included.



Universal enclosures in aluminum alloy IP66/IP67 - IK08

Description	Dimensions (mm)		Palazzoli Code	Pack Q.ty
	external	internal		
enclosure UNI B9	100x100x59	88x88x44	<b>520009</b>	30
enclosure UNI B11	140x115x61	128x103x46	<b>520011</b>	20
enclosure UNI B12	166x141x64	153x128x49	<b>520012</b>	20
enclosure UNI B14	192x168x80	176x152x65	<b>520014</b>	10
enclosure UNI B19	253x217x93	236x201x75	<b>520019</b>	1
enclosure UNI B20	314x264x122	292x243x104	<b>520020</b>	1
enclosure UNI B21	410x315x150	386x291x126	<b>520021</b>	1

**Equipment included:**  
4 screws for fixing the cover on the box  
2 screws for predispositions of earth connection

**Characteristic:**  
covers with anti-loosening stainless steel screws.  
Enclosures predisposed for fixing the DIN rail horizontally or vertically using M4x6 self-tapping screws.  
Palazzoli DIN rail can be mounted only diagonally.



Bottom plates in zinc steel for UNIBOX enclosures

Description	Dimensions (mm)	Palazzoli Code	Pack Q.ty
for enclosure UNI B11	119x78	<b>522011</b>	1
for enclosure UNI B12	132x108	<b>522012</b>	1
for enclosure UNI B14	165x125	<b>522014</b>	1
for enclosure UNI B19	200x165	<b>522019</b>	1
for enclosure UNI B20	250x210	<b>522020</b>	1
for enclosure UNI B21	345x257	<b>522021</b>	1

**Equipment included:**  
4 screws for fixing the cover on the box  
2 screws for predispositions of earth connection.



DIN EN 50022 rail for UNIBOX enclosures

Description	Palazzoli Code	Pack Q.ty
for enclosure UNI B9	<b>521009</b>	1
for enclosure UNI B11	<b>521011</b>	1
for enclosure UNI B12	<b>521012</b>	1
for enclosure UNI B14	<b>521014</b>	1
for enclosure UNI B19	<b>521019</b>	1
for enclosure UNI B20	<b>521020</b>	1
for enclosure UNI B21	<b>521021</b>	1

**Equipment included:**  
2 screws for predispositions of earth connection.



# **Palazzoli**

## **SOLUTIONS FOR ROADWAY, RAILWAY AND UNDERGROUNDS**

Roadway



Railway and undergrounds



### **Tunnels**

Salerno-Reggio Calabria motorway - SS. 42 Tonale  
A1/A14 Italian motorway  
Catania Siracusa motorway - SS. 145 Sorrentina  
PF Lombardia: 100 tunnels - SS. 106 Jonica  
SS. 125 Capoboi - La Rupe Trento - Secante Cesena

### **Undergrounds**

Torino - Brescia - Milano - Napoli - Roma  
Firenze - Copenhagen - Londra - Dubai  
Madrid - Atene - Hong Kong