

Extract



GENERAL
CATALOGUE

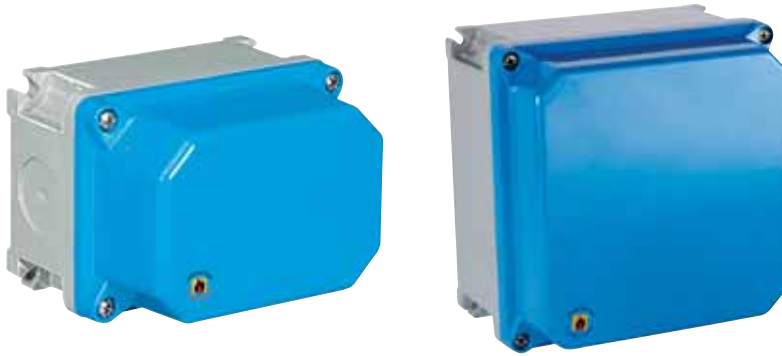
2014-2015



Palazzoli
Leading Electrotechnology



Suitable for chemical industries, industrial facilities, plants with galvanic treatments, airports, cold rooms and in dusty, salty and corrosive atmosphere.

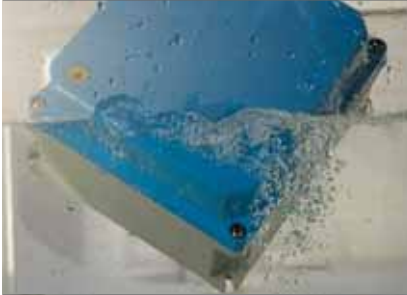


Excellent resistance to stressing, vibrations, abrasions and does not need any maintenance

THE ADVANTAGES



All the products of the TAIS series are made of thermosetting (GRP), the material by Palazzoli that does not propagate the flame, does not emit toxic gases and resistant to chemical agents.



The special gaskets in non-ageing elastomer guarantee a protection rating up to IP68, for installing in areas subject to possible flooding.



The back boxes are equipped with brass threaded inserts that ensure an easy opening and closing of the cover even after long time.



Practically immune to the major part of all the aggressive substances they are the best solution for industrial installations under 1.5 Mtrs height.



TAIS boxes represent the state of the art for industrial electrical junctions, both for wall mounting or on machinery boards in insulating material. The offer is structured on two types of boxes, one is with small dimensions for mounting on board of machineries and the other is with medium and big dimensions to be wall mounted for industrial plants.

Conformity to standards	IEC/EN 60670-1
Material	Thermosetting (GRP)
Protection rating (IP as per IEC/EN 60529)	IP67 - IP68
Colour	RAL5015 (cover) RAL7042 (base)
Resistance to abnormal heat and fire ("Glow Wire" as per IEC/EN 60695-2-10)	960°C
Self-extinguishing grade (as per UL94)	V0
Resistance to impacts (IK rating as per IEC/EN 62262)	IK10
Insulation class	II □
Storage temperature	-50°C - +80°C
Operating temperature	-40°C - +70°C



Junction boxes in thermosetting (GRP) with **low cover IP67**

External dimensions (mm)	Box height (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
92x92	50	18	532035	5
125x92	50	18	532045	1
185x92	50	18	532055	1
125x125	75	25	532116	1
185x125	75	25	532117	1
250x125	75	25	532118	1

Characteristics: blind walls.



Junction boxes in thermosetting (GRP) with **high cover IP67**

External dimensions (mm)	Box height (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
92x92	50	50	532005	1
125x92	50	50	532006	1
185x92	50	50	532015	1
125x125	75	50	532016	1
185x125	75	50	532017	1
250x125	75	50	532018	1

Characteristics: blind walls.

Technical accessories:





Junction **boxes**
in thermosetting (GRP)
with **low cover**
IP68



External dimensions (mm)	Box height (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
92x92	50	18	538035	1
125x92	50	18	538045	1
185x92	50	18	538055	1
125x125	75	25	538116	1
185x125	75	25	538117	1
250x125	75	25	538118	1

Characteristics: IP68 protection rating test is carried out at 4 Mtrs depth for 24 h. Blind walls.



Junction **boxes**
in thermosetting (GRP)
with **high cover**
IP68



External dimensions (mm)	Box height (mm)	Cover height (mm)	Palazzoli code	Pack Q.ty
92x92	50	50	538005	1
125x92	50	50	538006	1
185x92	50	50	538015	1
125x125	75	50	538016	1
185x125	75	50	538017	1
250x125	75	50	538018	1

Characteristics: IP68 protection rating test is carried out at 4 Mtrs depth for 24 h. Blind walls.

Technical accessories:



Back plates
in galvanized steel
for TAIS boxes

For boxes with dimensions (mm)	For boxes with code	Palazzoli code	Pack Q.ty
92x92	532005, 532035, 532225, 538005, 538035, 532005, 532035	532705	1
125x92	532006, 532045, 532285, 532295, 538006, 538045, 532006, 532045	532714	1
185x92	532015, 532055, 532325, 532385, 538015, 538055, 532015, 532055	532715	1
125x125	532016, 532116, 532346, 538016, 538116, 532016EX, 532116EX	532716	1
185x125	532017, 532117, 532667, 532677, 538017, 538117, 532017EX, 532117EX, 532667EX	532717	1
250x125	532018, 532118, 532618, 532628, 532638, 532648, 538018, 538118, 532018EX, 532118EX, 532628EX	532718	1

Uses: for fixing terminal or modular devices.



Junction **boxes**
in thermosetting (GRP)
with **transparent window**
IP67

External dimensions (mm)	N. EN 50022 modules	Power dissipation (W)	Palazzoli code	Pack Q.ty
125x125x125	4	13	532516	1
185x125x125	6,5	15	532557	1
250x125x125	9	20	532658	1

Characteristics: blind walls with drilling template. Padlockable window and with tamper-proof screw.

Technical accessories:



CONNESSIONI

PRESE
INTERBLOCCATE

QUADRI E
CASSETTE

COMANDO E
PROTEZIONE

ILLUMINAZIONE

CANTIERE

TUNNEL

ATEX

NAVALE E
APPLICAZIONI

AUTOMAZIONE



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Timbro del rivenditore