

XCEE & TAIS

The best performance



excellence
FROM ITALY

Palazzoli



Isolator switch
AC3 - AC23A



Thermoset
enclosure



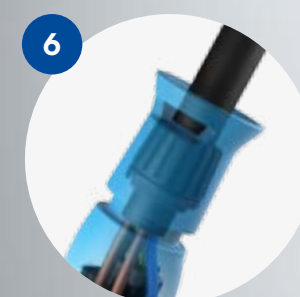
Socket insert integrated
in the body without
screws



Indirect clamping
terminals



Reinforced, impact-
resistant enclosure



Cable gland suitable for
all types of cables



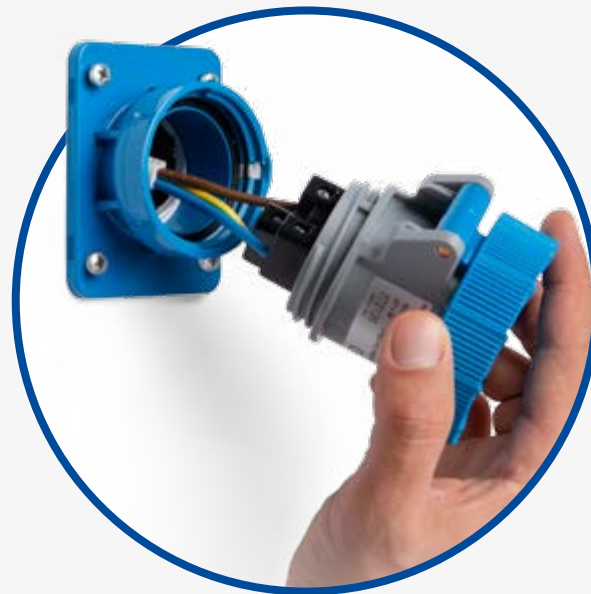


The easiest to install

- 1** The flange can be used as a template



- 2** Cage terminals ensure a quick and reliable wiring



- 3** The insert is fixed to the flange with a half-turn, quick coupling system and an anti-vibration locking device

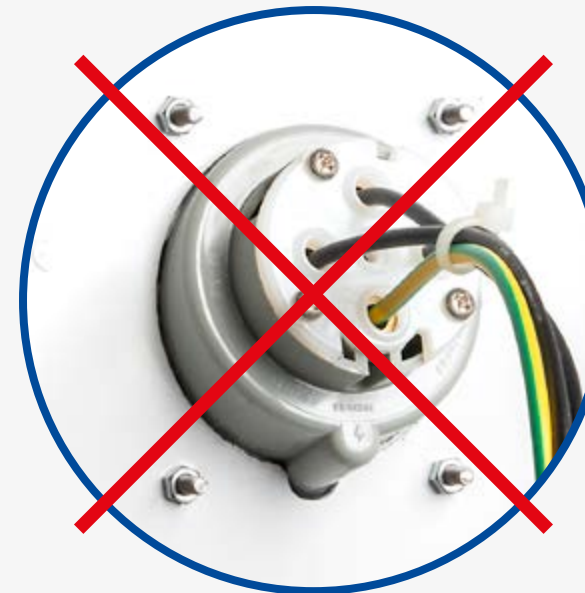


The unified flange saves space and simplifies the layout



The most comfortable to wire

Distribution board with highly-protruding standard sockets



Distribution board with non-protruding X-CEE sockets



The connection terminals of the X-CEE sockets do not protrude in the distribution board, thus freeing up useful space and allowing for easier drilling



In the case of maintenance, it is possible to replace only the insert or only the flange*



Savings of time and money, thanks to the quick coupling system

TAIS distributes energy even under difficult conditions

ENVIRONMENTS RISKS

- Laboratories
 - Cellars
 - Quarries
 - Purifiers
 - Pharmaceutical
 - Foundries
 - Road works
- Impacts and crushing
 - Flammable substances
 - High vibrations
 - Presence of rodents
 - High temperatures

SOLUTIONS

- Withstands impacts up to IK10
- Does not burn nor emits halogens
- Has anti-loosening screws
- Material reinforced with glass fibres
- Contact-holder insert with GWT 960°C - V0

XCEE improves safety and increases productivity

ENVIRONMENTS RISKS

- Oil mills
 - Tunnels
 - Galvanic treatment
 - Waste to energy plants
 - Food industry
 - Chemical industry
- Wet environment
 - Presence of exhaust gases
 - Exposure to mixed powders
 - Frequent washing
 - Corrosive acids

SOLUTIONS

- Immersion resistance
- Impenetrable by gas vapours and mists
- Total insulation from dusts
- Resistance to strong water jets
- Material resistant to acids and bases



Palazzoli's electrical components are so varied and high-performance that designers and installers always find the best solution for any electrical system

ENVIRONMENTS	RISKS	SOLUTIONS
• Airports	High inrush currents	AC3 - AC23A isolator switch
• Military applications	Salty atmosphere	Excellent resistance to marine environments
• Hangars	Frequent insertion of plugs	Socket anchored to the cover without screws
• Maritime industry	Presence of condensate	Hermetic, anti-condensation enclosure
• Mechanical industry		
• Butcheries		
• Steelmaking industry		

ENVIRONMENTS	RISKS	SOLUTIONS
• Metalworking industries	High temperature changes	Stability at high and low temperatures
• Swimming pools	Work in confined spaces	TAIS + X-CEE allow for compact distribution boards
• Textile industries	Use of disinfectants and chlorine	Excellent resistance to abrasion
• Dye houses	Operation with gloves	Ergonomic handle
• Surgeries and operating rooms		
• Offshore boats		



Sturdy metal, silver and technopolymer elements designed and produced with stringent, quality-driven processes, perfectly protected in their waterproof case

Maximum versatility
Total compatibility between X-CEE and TAIS

				Plug and socket connectors IP66/IP67/IP68/IP69	
				Plugs	Socket-outlets
I	V	No. of poles			
16A	230V		2P+≡	760126	770126
	400V		3P+≡	760136	770136
			3P+N+≡	760146	770146
32A	230V		2P+≡	760226	770226
	400V		3P+≡	760236	770236
			3P+N+≡	760246	770246
63A	400V		3P+≡	760336	770336
			3P+N+≡	760346	770346
125A	400V		3P+≡	760436	770436
			3P+N+≡	760446	770446
16A	24V		2P 150 VA		

		Plugs and socket-outlets for distribution boards IP66/IP67/IP68/IP69			
Flange dimensions		Straight		20° angled	
		Plugs	Socket-outlets	Plugs	Socket-outlets
65x83					
		762126	772126	763126	773126
		762136	772136	763136	773136
		762146	772146	763146	773146
		762226	772226	763226	773226
		762236	772236	763236	773236
100x108		762246	772246	763246	773246
		762336	772336	763336	773336
		762346	772346	763346	773346
114x114		762436	772436	763436	773436
		762446	772446	763446	773446



Examples of combinations

Code	Description	Qty
579840	Schuko double socket-outlet	2
773126	Socket-outlet, 20° angled, 16A 2P+T 230V 6h	2
532121	Enclosure for 2 places	2
472730	Interlocked socket 16A 3P+T 400V 6h	1
532303	14-module enclosure	1
538803	Mounting plate	1
538425	M25 quick coupling	3

Code	Description	Qty
776146	Wall-mounted plug, 65° angle, 16A 3P+N+T 6h	1
472620	Interlocked socket-outlet 16A 2P+T 230V 6h	1
472730	Interlocked socket 16A 3P+T 400V 6h	1
532303	14-module enclosure	1
538803	Mounting plate	1
538425	M25 quick coupling	3

Wall-mounted boxes IP66/IP67/IP68/IP69			
Module and flange dimensions	65° angle	Straight	Double
	Blind	Blind	Blind
M95 65x83			
M125 100x108	532131	532101	532121*
M125 100x108	532132	532102	532122
M125 114x114	532133	532103	-

The items with codes 532121 and 532122 are supplied with 1 blind closing flange.

Schuko residential bivalent sockets		
Flange dimensions	IP66	IP66 with plug inserted
		
65x83	579840	579860*+630052

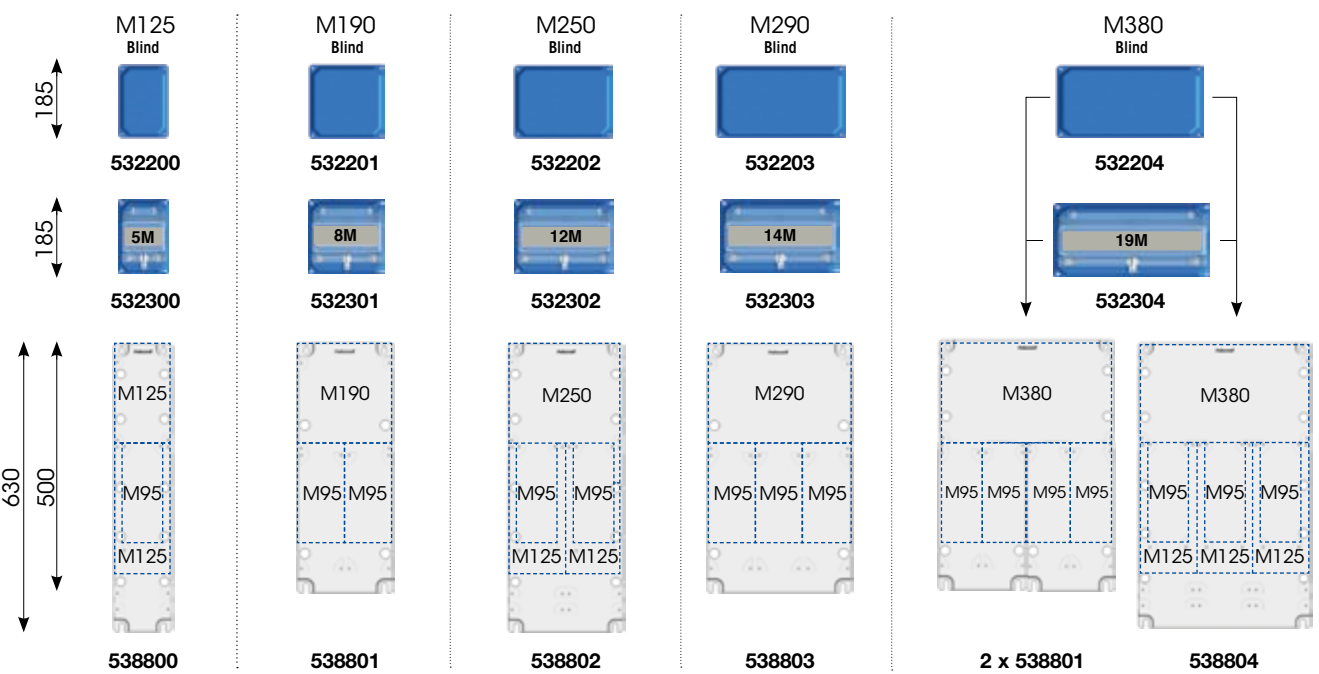
* The item with code 532121 can only accommodate 1 item with code 579860.

Maximum customization
Up to 2,436 customised solutions can be achieved

Plugs and socket-outlets 65°, for wall mounting IP66/IP67/IP68/IP69			
M95	M125	M95	M125
			
766126		776126	
766136		776136	
766146		776146	
766226		776226	
766236		776236	
	766246		776246
	766336		776336
	766346		776346
	766436		776436
	766446		776446

Interlocked socket-outlets for wall mounting IP66/IP67				
M95	M125	M95	M125	M95
				
472620		470126	467126	
472730		470136	467136	
472830		470146	467146	
468226	472621	469226	470226	
468236	472731	469236	470236	
	472831		470246	
	472732		470336	
	472832		470346	
				469873

Compositions



Rated current	Module	Metric hole	Quick coupling	Fitting
16A-32A	M95	M25		
32A-63A	M125	M32	538432	538429
125A	M125	M40	-	538436



Straight
IP66/IP67/IP68/IP69
50-60Hz

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref. (h)	Palazzoli code	Pack Qty
16	110V	Yellow	2P+⊕	4	760124	1
	230V	Blue	2P+⊕	6	760126	10
	400V	Red	3P+⊕	6	760136	10
	400V	Red	3P+N+⊕	6	760146	10
32	110V	Yellow	2P+⊕	4	760224	1
	230V	Blue	2P+⊕	6	760226	1
	400V	Red	3P+⊕	6	760236	5
	400V	Red	3P+N+⊕	6	760246	5
63	380-440V	Red	3P+⊕	3	760233	1
	400V	Red	3P+⊕	6	760336	1
	400V	Red	3P+N+⊕	6	760346	1
125	400V	Red	3P+⊕	6	760436	1
	400V	Red	3P+N+⊕	6	760446	1



Panel-mounted
20° angled
IP66/IP67/IP68/IP69
50-60Hz

Rated current (A)	Rated voltage (V)	Flange dimensions (mm)	Voltage colour	Poles	h ref. (h)	Palazzoli code	Pack Qty
16	230V	65x83	Yellow	2P+⊕	4	763124	1
	230V	65x83	Blue	2P+⊕	6	763126	1
	400V	65x83	Red	3P+⊕	6	763136	1
	400V	65x83	Red	3P+N+⊕	6	763146	1
32	230V	65x83	Yellow	2P+⊕	4	763224	1
	230V	65x83	Blue	2P+⊕	6	763226	1
	400V	65x83	Red	3P+⊕	6	763236	1
	400V	100x108	Red	3P+N+⊕	6	763246	1
63	400V	100x108	Red	3P+⊕	6	763336	1
	400V	100x108	Red	3P+N+⊕	6	763346	1
125	400V	114x114	Red	3P+⊕	6	763436	1
	400V	114x114	Red	3P+N+⊕	6	763446	1



Panel-mounted, straight
IP66/IP67/IP68/IP69
50-60Hz

Rated current (A)	Rated voltage (V)	Flange dimensions (mm)	Voltage colour	Poles	h ref. (h)	Palazzoli code	Pack Qty
16	230V	65x83	Yellow	2P+⊕	4	762124	1
	230V	65x83	Blue	2P+⊕	6	762126	1
	400V	65x83	Red	3P+⊕	6	762136	1
	400V	65x83	Red	3P+N+⊕	6	762146	1
32	230V	65x83	Yellow	2P+⊕	4	762224	1
	230V	65x83	Blue	2P+⊕	6	762226	1
	400V	65x83	Red	3P+⊕	6	762236	1
	400V	100x108	Red	3P+N+⊕	6	762246	1
63	400V	100x108	Red	3P+⊕	6	762336	1
	400V	100x108	Red	3P+N+⊕	6	762346	1
125	400V	114x114	Red	3P+⊕	6	762436	1
	400V	114x114	Red	3P+N+⊕	6	762446	1



Wall-mounted, 65° angled
IP66/IP67/IP68/IP69
50-60Hz

Rated current (A)	Rated voltage (V)	Module	Voltage colour	Poles	h ref. (h)	Palazzoli code	Pack Qty
16	230V	M95	Yellow	2P+⊕	4	766124	1
	230V	M95	Blue	2P+⊕	6	766126	1
	400V	M95	Red	3P+⊕	6	766136	1
	400V	M95	Red	3P+N+⊕	6	766146	1
32	230V	M95	Yellow	2P+⊕	4	766224	1
	230V	M95	Blue	2P+⊕	6	766226	1
	400V	M95	Red	3P+⊕	6	766236	1
	400V	M125	Red	3P+N+⊕	6	766246	1
63	400V	M125	Red	3P+⊕	6	766336	1
	400V	M125	Red	3P+N+⊕	6	766346	1
125	400V	M125	Red	3P+⊕	6	766436	1
	400V	M125	Red	3P+N+⊕	6	766446	1



Straight
IP66/IP67/IP68/IP69
50-60Hz

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref. (h)	Palazzoli code	Pack Qty
16	110V	Yellow	2P+⊕	4	770124	1
	230V	Blue	2P+⊕	6	770126	10
	400V	Red	3P+⊕	6	770136	10
	400V	Red	3P+N+⊕	6	770146	10
32	110V	Yellow	2P+⊕	4	770224	1
	230V	Blue	2P+⊕	6	770226	1
	400V	Red	3P+⊕	6	770236	5
	400V	Red	3P+N+⊕	6	770246	5
63	380-440V	Red	3P+⊕	3	770233	1
	400V	Red	3P+⊕	6	770336	1
	400V	Red	3P+N+⊕	6	770346	1
125	400V	Red	3P+⊕	6	770436	1
	400V	Red	3P+N+⊕	6	770446	1



Panel-mounted, 20° angled
IP66/IP67/IP68/IP69
50-60Hz

Rated current (A)	Rated voltage (V)	Flange dimensions (mm)	Voltage colour	Poles	h ref. (h)	Palazzoli code	Pack Qty
16	110V	65x83	Yellow	2P+⊕	4	773124	1
	230V	65x83	Blue	2P+⊕	6	773126	10
	400V	65x83	Red	3P+⊕	6	773136	1
	400V	65x83	Red	3P+N+⊕	6	773146	1
32	110V	65x83	Yellow	2P+⊕	4	773224	1
	230V	65x83	Blue	2P+⊕	6	773226	1
	400V	65x83	Red	3P+⊕	6	773236	1
	400V	100x108	Red	3P+N+⊕	6	773246	1
63	380-440V	65x83	Red	3P+⊕	3	773233	1
	400V	100x108	Red	3P+⊕	6	773336	1
	400V	100x108	Red	3P+N+⊕	6	773346	1
125	400V	114x114	Red	3P+⊕	6	773436	1
	400V	114x114	Red	3P+N+⊕	6	773446	1



Wall-mounted, 65° angled
IP66/IP67/IP68/IP69
50-60Hz

Rated current (A)	Rated voltage (V)	Module	Voltage colour	Poles	h ref. (h)	Palazzoli code	Pack Qty
16	110V	M95	Yellow	2P+⊕	4	776124	1
	230V	M95	Blue	2P+⊕	6	776126	1
	400V	M95	Red	3P+⊕	6	776136	1
	400V	M95	Red	3P+N+⊕	6	776146	1
32	110V	M95	Yellow	2P+⊕	4	776224	1
	230V	M95	Blue	2P+⊕	6	776226	1
	400V	M95	Red	3P+⊕	6	776236	1
	400V	M125	Red	3P+N+⊕	6	776246	1
63	380-440V	M125	Red	3P+⊕	3	776233	1
	400V	M125	Red	3P+⊕	6	776336	1
	400V	M125	Red	3P+N+⊕	6	776346	1
125	400V	M125	Red	3P+⊕	6	776436	1
	400V	M125	Red	3P+N+⊕	6	776446	1

Reinforced technopolymer, resistant to:

WATER	SALINE SOLUTION	ACIDS		BASES		SOLVENTS		
		Concentrated	Diluted	Concentrated	Diluted	Alcohol	Acetone	Perchloroethylene
↑	↑	→	→	↑	↑	↑	↑	↑
OILS		FATS		AMMONIA	UV RADIATION	INORGANIC SALTS	FUEL	DETERGENTS
Mineral	Vegetable	Animal	Synthetic					
↑	↑	↑	↑	↑	↑	↑	↑	↑

↑ high resistance → partial resistance ↓ low resistance

IP66/67/68/69

Protection against
dust, water,
immersion and high-
temperature water
jets



GWT
960°C



Self-extinguishing
class V0



Impact resistance
IK10



Crushing
>500 Kg



Resistant to UV
radiation and
ageing



Resistance
to chemical
agents

TAIS The most used socket-outlets

Technical complements in thermosetting material

MODULE 95

Wall-mounted with interlock and fuse holder base in modular thermoset insulating container IP66/IP67 50-60Hz

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref. (h)	Palazzoli code	Pack Qty
16	110V	Yellow	2P+⚡	4	472610	1
	230V	Blue	2P+⚡	6	472620	1
	400V	Red	3P+⚡	6	472730	1
	400V	Red	3P+N+⚡	6	472830	1
32	110V	Yellow	2P+⚡	4	468224	1
	230V	Blue	2P+⚡	6	468226	1
	400V	Red	3P+⚡	6	468236	1
	380-440V	Red	3P+⚡	3	468233	1

MODULE 125

Wall-mounted with interlock and fuse holder base in modular thermoset insulating container IP66/IP67 50-60Hz

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref. (h)	Palazzoli code	Pack Qty
32	110V	Yellow	2P+⚡	4	472611	1
	230V	Blue	2P+⚡	6	472621	1
	400V	Red	3P+⚡	6	472731	1
	400V	Red	3P+N+⚡	6	472831	1
63	110V	Yellow	2P+⚡	4	472612	1
	230V	Blue	2P+⚡	6	472622	1
	400V	Red	3P+⚡	6	472732	1
	400V	Red	3P+N+⚡	6	472832	1

MODULE 95

Wall-mounted with interlock with direct power supply in modular thermoset insulating container IP66/IP67 50-60Hz

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref. (h)	Palazzoli code	Pack Qty
16	230V	Blue	2P+⚡	6	470126	1
	400V	Red	3P+⚡	6	470136	1
	400V	Red	3P+N+⚡	6	470146	1
	230V	Blue	2P+⚡	6	469226	1
32	400V	Red	3P+⚡	6	469236	1
	380-440V	Red	3P+⚡	3	469233	1

MODULE 125

Wall-mounted with interlock with direct power supply in modular thermoset insulating container IP66/IP67 50-60Hz

Rated current (A)	Rated voltage (V)	Voltage colour	Poles	h ref. (h)	Palazzoli code	Pack Qty
16	110V	Yellow	2P+⚡	4	467124	1
	230V	Blue	2P+⚡	6	467126	1
	400V	Red	3P+⚡	6	467136	1
	400V	Red	3P+N+⚡	6	467146	1
32	230V	Blue	2P+⚡	6	470226	1
	400V	Red	3P+⚡	6	470236	1
	400V	Red	3P+N+⚡	6	470246	1
	380/440V	Red	3P+⚡	3	470233	1
63	230V	Blue	2P+⚡	6	470326	1
	400V	Red	3P+⚡	6	470336	1
Connection M32	400V	Red	3P+N+⚡	6	470346	1

Watertight, quick-mounting boxes with blind cover IP66/IP67

Outer dimensions (mm)	Hole type	Palazzoli code	Pack Qty
125x185	blind	532200	1
190x185	blind	532201	1
190x185	2 Ø 25mm holes on the lower side	532211	1
250x185	blind	532202	1
290x185	blind	532203	1
390x185	blind	532204	1

Equipment included: code 532211 with 2 fittings M25 for rapid coupling.
Features: boxes supplied with drilling template.

Watertight, quick-mounting boxes with transparent window IP66/IP67

Outer dimensions (mm)	Hole type	No. of EN50022 modules	Palazzoli code	Pack Qty
125x185	blind	5	532300	1
190x185	blind	8	532301	1
190x185	2 Ø 25mm holes on the lower side	8	532311	1
250x185	blind	12	532302	1
290x185	blind	14	532303	1
390x185	blind	19	532304	1

Equipment included: code 532311 with 2 fittings M25 for rapid coupling.
Features: boxes supplied with drilling template.

Quick-mounting fittings for coupling TAIS devices to boxes IP66/IP67

Hole type	Mounting hole (mm)	Max diameter for cable passage (mm)	Palazzoli code	Pack Qty
M25	25.5	16	538425	1
M32	32.5	20	538432	1

Screw connection IP66/IP67

Hole type	Mounting hole (mm)	Max diameter for cable passage (mm)	Palazzoli code	Pack Qty
M25	25.5	18	538421	1
M32	32.5	25	538429	1
M40	40.5	34	538436	1

65° angled wall-mounted boxes for 1 X-CEE device IP66/IP67/IP68/IP69

Flange dimensions (mm)	Box dimensions (mm)	Palazzoli code	Pack Qty
65x83	92x125	532131	1
100x108	125x185	532132	1
114x114	125x185	532133	1

Wall-mounted boxes for 1 X-CEE device IP66/IP67/IP68/IP69

Flange dimensions (mm)	Box dimensions (mm)	Palazzoli code	Pack Qty
65x83	92x125	532101	1
100x108	125x185	532102	1
114x114	125x185	532103	1

Wall-mounted boxes for 2 X-CEE devices IP66/IP67/IP68/IP69

Flange dimensions (mm)	Box dimensions (mm)	Palazzoli code	Pack Qty
2x(65x83)	92x255	532121	1
2x(100x108)	125x352	532122	1

Plates with guided system for mounting TAIS socket-outlets and X-CEE plugs/socket-outlets

Outer dimensions (mm)	Max. number of installable sockets	Palazzoli code	Pack Qty
	Mod. 95	Mod. 125	
125x630	1	1	538800 1
190x500	2	-	538801 1
250x630	2	2	538802 1
290x500	3	-	538803 1
380x630	3	3	538804 1

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