

Suitable for wine cellars, touristic port quays, plants, warehouses, garages, car parking, buildings and rooms with vapour generator. The white version is particularly suitable for food processing industries and medical areas.







You can save up to 30% of time while installing, thanks to mounting with only two screws and pre-wired sockets

THE ADVANTAGES



Pre-wired sockets and easy clipping mounting plates make ULYSSE heavy duty interlocked sockets quick to install.



With just a few codes you can realize endless solutions. Even the 63A socket is perfectly modular and this allows to keep the quick installation and aesthetic appearance.

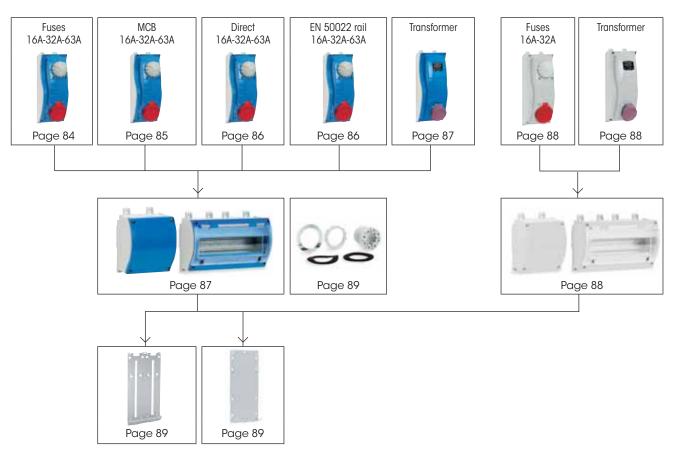


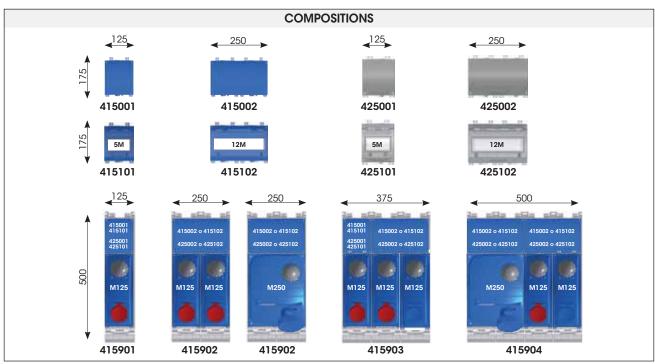
Design and expertise created a new kind of operation with semi spherical shape, easy to handle even with gloves on and padlockable in 0 and 1 positions.





ULYSSE is the only heavy duty interlocked socket with a white version, especially designed for food processing industries and medical areas, or to be used coordinated with topTER series.





Easy Composer software allows for an easy combining of customized units. It is available on www.palazzoli.com or directly from the QR Code.



ULYSSE series low voltage switched sockets with mechanical interlock are a range of products in thermosetting (GRP) for heavy duty uses, in compliance with the IEC/EN 60309-1, IEC/EN 60309-2 and IEC/EN 60309-4 standards. The system contains versions from 16A up to 63A, with or without fuses, with MCB integrated or with an EN 50022 rail that can be fitted with modular devices.

All sockets have an IP66/IP67 protection rating and can be combined in compositions thanks to the boxes with blind cover or transparent window. The system is completely modular, all the sockets are pre-wired and can be snap mounted guaranteeing the coupling without any fittings.

The versions above 32A are equipped with the Easy Contact receptacles to allow the best performance in time for the electric contact and to facilitate connection and disconnection operations. The protections are located in the frontal part of the body, behind a lid made of thermosetting (GRP).

The interlock system is made of steel and the isolator switch is certified with the AC3-AC23A category at rated current.

The range is completed by a white version, especially designed for food processing industries and medical areas, or to use in coordination with the topTER series.

Rated operating curre switch:	16A	32A	63A		
Thermal current Ith		Α	16	32	63
AC21A	415V	Α	16	20	63
AC21A	500V	A	10	32	03
AC22A	415V	Α	16	32	63
AUZZA	500V	A	10	32	03
	230V		16	32	
AC23A	400V	Α			63
	500V				
	230V		4,5	8,5	20
AC23A	400V	kW	7,5	15	34
	500V		8,5	17	44
	230V		4,5	8,5	18
AC3	400V	kW	7,5	15	31
	500V		8,5	17	40

Pre-wiring data:		16A	32A	63A
Cable section	mm ²	2,5	6	10
Cable length	cm	40	40	40

	IEC/EN 60309-1
Conformity	IEC/EN 60309-2
to standards	IEC/EN 60309-4
	IEC/EN 60947-3

IEC/EN 60947-3	
Thermosetting (GRP)	Body material
IP66/IP67	Protection rating (IP as per IEC/EN 60529)
RAL5015 (cover) RAL7035 (base)	Colour
960°C	Resistance to abnormal heat and fire ("Glow Wire"as per IEC/EN 60695-2-10)
VO	Self-extinguishing grade (as per UL94)
IK10	Resistance to impacts (IK rating as per IEC/EN 62262)
16A - 32A - 63A	Rated current
24V - 500V	Rated voltage
50-60Hz	Rated frequency
690V	Rated insulation voltage
II D	Insulation class
-50°C - +80°C	Storage temperature
-25°C - +50°C	Operating temperature







Resistance to chemical agents

WATER SALINE		ACI	DS	CHEMICA	CHEMICAL BASES		SOLVENTS			
WATER	ATMOSPHERES	CONCENTRATED	DILUTED	CONCENTRATED	DILUTED	ALCOHOL	ACETONE	PERCHLOROETHYLENE	BENZENE	
1	1	\Rightarrow	1	1	1	•	1	1	1	
0	LS	FA	TS	AMMONIA	OXIDIZERS	INORGANIC SALTS	GASOLINE	DETERGENTS	U.V. RAYS	
MINERAL	VEGETABLE	ANIMAL	SYNTETHIC	AWWONIA	OVIDITERS	INORGANIC SALIS	GASOLINE	DETERGENTS	U.V. KA13	
1	1	•	1	1	1	1	1	1		

1 high resistance Legend:







Switched sockets

in thermosetting (GRP) with mechanical **interlock** and **fuse-holder**, for wall mounting **IP66/IP67**



pre-wired socker

B. L. I	F		re-wired so			B. L P	D. I
Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h. ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V	_	2P+ ÷	4	400124	1
entry Pg29	50-60Hz	110V	_	3P+ ÷	4	400134	1
fuses	50-60Hz	110V	_	3P+N+±	4	400144	1
10,3x38	50-60Hz	230V		2P+ ±	6	400126	1
	50-60Hz	230V		3P+ ÷	9	400139	1
	50-60Hz	230V		3P+N+ ±	9	400149	1
	50-60Hz	400V		2P+ ±	9	400129	1
	50-60Hz	400V		3P+ ±	6	400136	1
	50-60Hz	400V		3P+N+ ÷	6	400146	1
	50-60Hz	500V		3P+ ÷	7	400137	1
	50-60Hz	500V		3P+N+ ±	7	400147	1
	50-60Hz	>50V *		2P+ ±	12	401122	1
	50-60Hz	>50V *		3P+ ÷	12	401132	1
	100-300Hz	>50V		2P+ ±	10	400120	1
	100-300Hz	>50V		3P+ ±	10	400130	1
	100-300Hz	>50V		3P+N+ ±	10	400140	1
	>300-500Hz	>50V		2P+ ±	2	400122	1
	>300-500Hz	>50V	•	3P+ ±	2	400132	1
	>300-500Hz	>50V	•	3P+N+ ±	2	400142	1
	60Hz	440÷460V	•	3P+ ±	11	400131	1
	60Hz	440÷460V		3P+N+ ±	11	400141	1
	DC	>50÷250V		2P+ ±	3	400123	1

^{*} For insulation transformer.

Equipment included: all the sockets are pre-wired with peeled numbered cables. **Characteristics:** fuses not included. Padlockable handle.

Technical accessories:





MODULE 125



Switched sockets

in thermosetting (GRP) with mechanical **interlock** and **fuse-holder**, for wall mounting **IP66/IP67**



pre-wired	socket

Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h. ref.	Palazzoli code	Pack Q.ty
32	50-60Hz	110V	<u>—</u>	2P+ ÷	4	400224	1
entry Pg29	50-60Hz	110V	<u>-</u>	3P+ ÷	4	400234	1
fuses	50-60Hz	110V	-	3P+N+÷	4	400244	1
14x51	50-60Hz	230V		2P+ ÷	6	400226	1
	50-60Hz	230V		3P+ ÷	9	400239	1
	50-60Hz	230V	•	3P+N+÷	9	400249	1
	50-60Hz	400V		2P+ ±	9	400229	1
	50-60Hz	400V		3P+ ÷	6	400236	1
	50-60Hz	400V		3P+N+ ±	6	400246	1
	50-60Hz	500V		3P+ ÷	7	400237	1
	50-60Hz	500V		3P+N+ ±	7	400247	1
	50-60Hz	>50V *		2P+÷	12	401222	1
	50-60Hz	>50V *		3P+ ÷	12	401232	1
	100-300Hz	>50V		2P+ ÷	10	400220	1
	100-300Hz	>50V		3P+ ÷	10	400230	1
	100-300Hz	>50V		3P+N+ ±	10	400240	1
	>300-500Hz	>50V		2P+ ÷	2	400222	1
	>300-500Hz	>50V		3P+ ÷	2	400232	1
	>300-500Hz	>50V		3P+N+ ±	2	400242	1
	60Hz	440÷460V		3P+ ÷	11	400231	1
	60Hz	440-460V	-	3P+N+ ÷	11	400241	1
	DC	>50÷250V		2P+ ±	3	400223	1
	50/60Hz	380/440V		3P+ ÷	3	400233	1
	50/60Hz	380/440V	•	3P+N+±	3	400243	1

^{*} For insulation transformer.

Equipment included: all the sockets are pre-wired with peeled numbered cables. **Characteristics:** fuses not included. Padlockable handle.







Switched sockets in thermosetting (GRP) with

mechanical interlock and fuse-holder, for wall mounting IP66/IP67





				pre wired sooke	.10		
Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h. ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	110V	_	2P+ ÷	4	400324	1
entry 2xPg29	50-60Hz	110V	_	3P+ ÷	4	400334	1
fuses	50-60Hz	110V	_	3P+N+÷	4	400344	1
22x58	50-60Hz	230V	•	2P+ ÷	6	400326	1
	50-60Hz	230V		3P+ ÷	9	400339	1
	50-60Hz	230V		3P+N+ ±	9	400349	1
	50-60Hz	400V		2P+ ÷	9	400329	1
	50-60Hz	400V		3P+ ÷	6	400336	1
	50-60Hz	400V	•	3P+N+ ÷	6	400346	1
	50-60Hz	500V		3P+ ÷	7	400337	1
	50-60Hz	500V		3P+N+ ÷	7	400347	1
	50-60Hz	>50V *		2P+ ÷	12	401322	1
	50-60Hz	>50V *		3P+ ÷	12	401332	1
	60Hz	440÷460V		3P+ ±	11	400331	1
	60Hz	440÷460V		3P+N+ ±	11	400341	1
	DC	>50÷250V		2P+ ±	3	400323	1

* For insulation transformer

Equipment included: all the sockets are pre-wired with peeled numbered cables. Characteristics: 63A socket is perfectly modular with 16A and 32A versions (same height and double width) and is installed in the same way with the same accessories. Fuses not included. Padlockable handle.

Technical accessories





EASY CONTACT

The **multi-lamellar crown** in silver plated copper guarantees:

- wider pin-plug contact surface;easy removal of the plugs from the sockets;
- perfect cleaning of the pin;
- hard-wearing, long-lasting electrical contact

MODULE 125



Switched sockets in thermosetting (GRP) with mechanical interlock and MCB, for wall mounting IP66/IP67



pre-wired sockets							
Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h. ref.	Palazzoli code	Pack Q.ty
16	50-60Hz	110V		2P+ ÷	4	403124	1
entry Pg29	50-60Hz	110V	_	3P+ ÷	4	403134	1
1927	50-60Hz	110V	_	3P+N+ ±	4	403144	1
	50-60Hz	230V	•	2P+ ÷	6	403126	1
MCB 4,5kA	50-60Hz	230V		3P+ ÷	9	403139	1
curve C	50-60Hz	230V		3P+N+ ±	9	403149	1
	50-60Hz	400V	•	2P+ ÷	9	403129	1
	50-60Hz	400V	•	3P+ ÷	6	403136	1
	50-60Hz	400V	•	3P+N+ ±	6	403146	1
	60Hz	440÷460V		3P+ ÷	11	403131	1
	60Hz	440-460V		3P+N+ ±	11	403141	1
32	50-60Hz	110V	_	2P+ ÷	4	403224	1
entry Pg29	50-60Hz	110V	_	3P+ ÷	4	403234	1
. 9	50-60Hz	110V	_	3P+N+ ±	4	403244	1
1400	50-60Hz	230V		2P+ ÷	6	403226	1
MCB 6kA	50-60Hz	230V		3P+ ÷	9	403239	1
curve C	50-60Hz	230V		3P+N+ ±	9	403249	1
	50-60Hz	400V		2P+ ±	9	403229	1
	50-60Hz	400V		3P+ ÷	6	403236	1
	50-60Hz	400V		3P+N+ ±	6	403246	1
	60Hz	440÷460V	•	3P+ ≑	11	403231	1
	60Hz	440-460V	•	3P+N+ ÷	11	403241	1
	50/60Hz	380/440V	•	3P+ ±	3	403233	1

MODULE 250



Switched sockets in thermosetting (GRP) with mechanical interlock and MCB, for wall mounting

IP66/IP67





Rated current (A)	Frequency	Rated voltage	Voltage colour	Poles	h. ref.	Palazzoli code	Pack Q.ty
63	50-60Hz	110V	_	2P+ ±	4	403324	1
entry 2xPg29	50-60Hz	110V	<u>-</u>	3P+ ÷	4	403334	1
zn gz/	50-60Hz	110V	<u>-</u>	3P+N+±	4	403344	1
	50-60Hz	230V		2P+ ÷	6	403326	1
MCB 10kA	50-60Hz	230V		3P+ ÷	9	403339	1
curve C	50-60Hz	230V		3P+N+±	9	403349	1
	50-60Hz	400V		2P+ ÷	9	403329	1
	50-60Hz	400V		3P+ ÷	6	403336	1
	50-60Hz	400V		3P+N+±	6	403346	1
	60Hz	440÷460V		3P+ ÷	11	403331	1
	60Hz	440-460V		3P+N+±	11	403341	1

Equipment included: all the sockets are pre-wired with peeled numbered cables. Characteristics: 63A socket is perfectly modular with 16A and 32A versions (same height and double width) and is installed in the same way with the same accessories. Padlockable









Switched sockets

in thermosetting (GRP) with mechanical **interlock** and **EN 50022 rail**, for wall mounting 50-60Hz **IP66/IP67**



pre-wired socket

Rated current (A)	Rated voltage	Voltage colour	Poles	h. ref.	Palazzoli code	Pack Q.ty
16	230V	•	2P+ ÷	6	406126	1
entry Pg29	400V	•	3P+ ±	6	406136	1
4,5 modules	400V		3P+N+÷	6	406146	1
32	230V		2P+ ±	6	406226	1
entry Pg29	400V		3P+ ÷	6	406236	1
4,5 modules	400V	•	3P+N+±	6	406246	1
	380/440V	•	3P+ ÷	3	406233	1

Equipment included: all the sockets are pre-wired up to the EN 50022 rail. **Characteristics:** padlockable handle.

MODULE 250



Switched sockets

in thermosetting (GRP) with mechanical **interlock** and **EN 50022 rail**, for wall mounting 50-60Hz **IP66/IP67**





			pre-wired s	sockets		
Rated current (A)	Rated voltage	Voltage colour	Poles	h. ref.	Palazzoli code	Pack Q.ty
63	230V		2P+ ±	6	406326	1
entry 2xPg29	400V		3P+ ÷	6	406336	1
6 modules	400V	•	3P+N+ -	6	406346	1

Equipment included: all the sockets are pre-wired up to the EN 50022 rail. **Characteristics:** 63A socket is perfectly modular with 16A and 32A versions (same height and double width) and is installed in the same way with the same accessories. Padlockable handle.

Technical accessories:





MODULE 125



Switched sockets in thermosetting (GRP) with mechanical **interlock**, for wall mounting



pre-wired	socket

Rated current (A)	Rated voltage	Voltage colour	Poles	h. ref.	Palazzoli code	Pack Q.ty
16	230V		2P+ ±	6	408126	1
entry Pg29	400V	•	3P+ ±	6	408136	1
Ü	400V		3P+N+÷	6	408146	1
32	230V		2P+ ±	6	408226	1
entry Pg29	400V	•	3P+±	6	408236	1
,	400V	-	3P+N+±	6	408246	1
	380/440V		3P+ ÷	3	408233	1

Equipment included: all the sockets are pre-wired with peeled numbered cables. **Characteristics:** padlockable handle.

MODULE 250



Switched sockets in thermosetting (GRP) with mechanical **interlock**,

for wall mounting 50-60Hz **IP66/IP67**





Rated current (A)	Rated voltage	Voltage colour	Poles	h. ref.	Palazzoli code	Pack Q.ty
63	230V	•	2P+ ±	6	408326	1
entry 2xPg29	400V	•	3P+ ÷	6	408336	1
9	400V	•	3P+N+±	6	408346	1

Equipment included: all the sockets are pre-wired with peeled numbered cables. **Characteristics:** 63A socket is perfectly modular with 16A and 32A versions (same height and double width) and is installed in the same way with the same accessories. Padlockable handle.







Socket

in thermosetting (GRP) with safety **transformer (SELV)** for wall mounting 50-60Hz **IP66/IP67**



pre-wired	sockets

Rated current (A)	Rated voltage	Poles	Power (VA)	Palazzoli code	Pack Q.ty
16 entry Pg29	230/24V~	2P	150	409873	1

Equipment included: all the sockets are pre-wired with peeled numbered cables. **Characteristics:** transformer with built-in thermal protection, enabled by a plug-activated

Technical accessories:



EASY COMPOSER

Software for easy combining of customized units.





1. Select the socket type	2. Compose your board	3. Download the certificates	

It is available on www.palazzoli.com





Boxes

in thermosetting (GRP) with **blind cover** for composition of socket boards IP66/IP67

External dimensions (mm)	N. upper entry	N. lower entry	Palazzoli code	Pack Q.ty
125x175x128	Blind	1	415001	1
250x175x128	Blind	2	415002	1

Equipment included: coupling fitting. Gaskets for interlocked socket-outlets. **Characteristics:** smooth side walls with references for drilling.



Boxes in thermosetting (GRP) with transparent window for composition of socket boards IP66/IP67

External dimensions (mm)	N. EN 50022 modules	N. upper entry	N. lower entry	Palazzoli code	Pack Q.ty
125x175x128	5	Blind	1	415101	1
250x175x128	12	Blind	2	415102	1

Equipment included: modular covers, coupler, gaskets for interlocked socket-outlets. Characteristics: smooth side walls with references for drilling. Padlockable window.





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



Rated current (A)	Rated voltage	Voltage colour	Poles	h. ref.	Palazzoli code	Pack Q.ty
16	230V		2P+ ±	6	420126	1
entry Pg29	400V		3P+ ÷	6	420136	1
fuses - 10,3x38	400V	•	3P+N+ ÷	6	420146	1
32	230V		2P+ ÷	6	420226	1
entry – Pg29 fuses – 14x51	400V	•	3P+ ÷	6	420236	1
	400V	•	3P+N+÷	6	420246	1

Equipment included: all the sockets are pre-wired with peeled numbered cables. Characteristics: padlockable handle.

Technical accessories:





MODULE 125





Sockets

in thermosetting (GRP) with safety transformer (SELV), for wall mounting 50-60Hz IP66/IP67



pre-wired sockets

Rated current (A)	Rated voltage	Poles	Power (VA)	Palazzoli code	Pack Q.ty
16 entry Pg29	230/24V~	2P	150	429873	1

Equipment included: all the sockets are pre-wired with peeled numbered cables. **Characteristics:** transformer with built-in thermal protection, enabled by a plug-activated bipolar microswitch.

Technical accessories:







Boxes

in thermosetting (GRP) with **blind cover** for composition of socket boards IP66/IP67

External dimensions (mm)	N. upper entry	N. lower entry	Palazzoli code	Pack Q.ty
125x175x128	Blind	1	425001	1
250x175x128	Blind	2	425002	1

Equipment included: coupling fitting. Gaskets for interlocked socket-outlets. Characteristics: smooth side walls with references for drilling.



in thermosetting (GRP) with transparent window for composition of socket boards IP66/IP67

External dimensions (mm)	N. EN 50022 modules	N. upper entry	N. lower entry	Palazzoli code	Pack Q.ty
125x175x128	5	Blind	1	425101	1
250x175x128	12	Blind	2	425102	1

 $\textbf{Equipment included:} \ \text{modular covers, coupler, gaskets for interlocked socket-outlets}.$ Characteristics: smooth side walls with references for drilling. Padlockable window







Mounting **plates** in steel with **easy clipping** for composition of socket boards

Dimensions	N. installa	ble devices	Palazzoli code	Pack Q.ty
(mm)	Mod. 125	Mod. 250		
125x500	1	-	415901	1
250x500	2	1	415902	1
375x500	3	1	415903	1
500x500	4	2	415904	1

Equipment included: small plates for side coupling of plates.



EN 50022 rails for fixing modular devices in boxes with blind cover

N. EN 50022 modules	For boxes with dimensions (mm)	Palazzoli code	Pack Q.ty
5	125x175x128	415011	1
12	250x175x128	415012	1



Mounting **plates in thermosetting** (GRP) for composition of socket boards

Dimensions (mm)	N. installable devices		Palazzoli code	Pack Q.ty
(IIIII)	Mod. 125	Mod. 250	code	Q.Iy
125x540	1	-	415801	1
250x540	2	1	415802	1

Equipment included: built-in threaded metal dowels, supplied with screws and stainless steel washers for fastening devices.

Technical accessories:





Kit for coupling boxes IP66/IP67

Fitting	Mounting	Palazzoli	Pack
diameter	hole (mm)	code	Q.ty
Pg21/29	29	415000	100

Uses: in realizing compositions, it allows lateral coupling of boxes.

CONNESSIONI PRESE QUADRI E COMANDO E PROTEZIONE ILLUMINAZIONE

CANTIERE TUNNEL ATEX APPLICAZIONI AUTOMAZIONE







