

JEBEL ALI PORT

Dubai



Jebel Ali has a total of 71 mooring docks. The entrance channel is bordered by buoys and starts 15 km outside the port; it is 17m deep and 320m wide. The *appeal* element of Dubai consists in the Jebel Ali Free Zone (Jafza), that is the ideal *hub* for the storage and distribution of merchandise destined to a market of over 2 billion people.



Container park area



TAIS Series

RISK PROFILE

- Aggressive high saline content environment;
- Extreme temperature variations and max temperatures of over + 55°C;
- Frequent sand storms;
- Sun irradiation up to 1,20W/sqm;
- Constant power needed for refrigerator containers;
- Need for high level of impact resistance.

THE SOLUTIONS

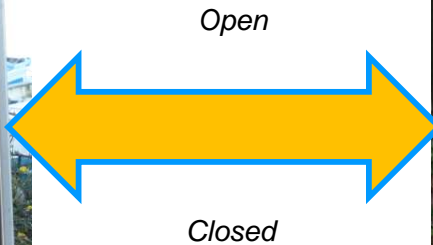


- THERMOSETTING enclosure with excellent resistance to salt;
- Completely robust and resistant to changes in temperature;
- Excellent level of UV ray resistance;
- Interlocked sockets fitted with AC3 AC23A isolator switch at plate data amperage (16A,32A etc.), starting and stopping of cage motors;
- Mechanical impact resistance on all sides >>IK10 (20Joule: impact force).

**PORTS - CAMPING SITES
URBAN ZONES**



Galicia has 28 sport harbours, equipped with all kind of services: 20 of them are managed by Portos de Galicia, while the other 8 harbours are managed by the Harbour Authorities. They have 8.812 berthing quays in total: 4.730 belong to *Portos de Galicia* and 4.082 belong to the general purpose harbours. *Portos de Galicia*, a public body which is member of the Council of Territorial Jurisdiction, Public Works and Transports, is drawing up a "General Plan" that must consider and resolve, in a reasonable way, the development of sport harbours.



ULYSSE Series



RISK PROFILE

- Aggressiveness of the salty environment.
- Temperature range with condensation.
- Presence of fuel and motor oil.
- Sun irradiation.
- Need for safe impact resistance.
- Use by non-trained personnel.
- Unpredictable load type (motors, resistances, etc.).

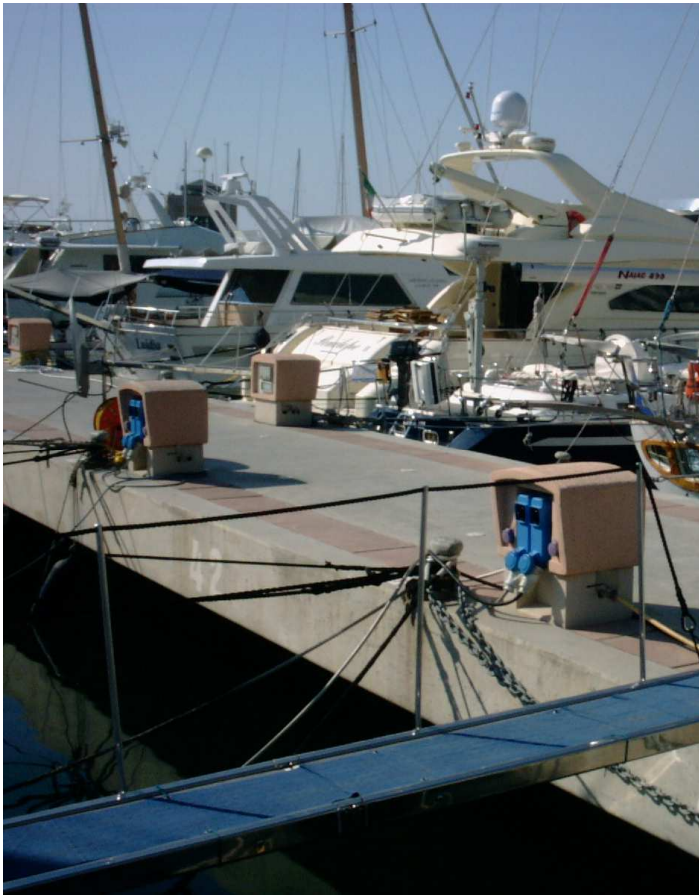
THE SOLUTIONS



- Enclosure in THERMOSETTING material with excellent resistance against the sea salt.
- IP66/IP67 double protection rating which guarantees resistance against violent jets of water and accidental immersions.
- Excellent resistance against ultraviolet rays.
- Interlocked socket-outlets provided with AC3-AC23A disconnector switch with relative current rating (16A, 32A, etc.); stop and starting of cage motors.
- Mechanical impact resistance on all sides >>IK10.



Sole Port has celebrated its 30th anniversary. This tourist port was the first to be built in the Imperia province, and paved the way over the years for what was to become one of the most important tourist channels on the riviera: leisure sailing.



Master mooring harbour

TAIS Series

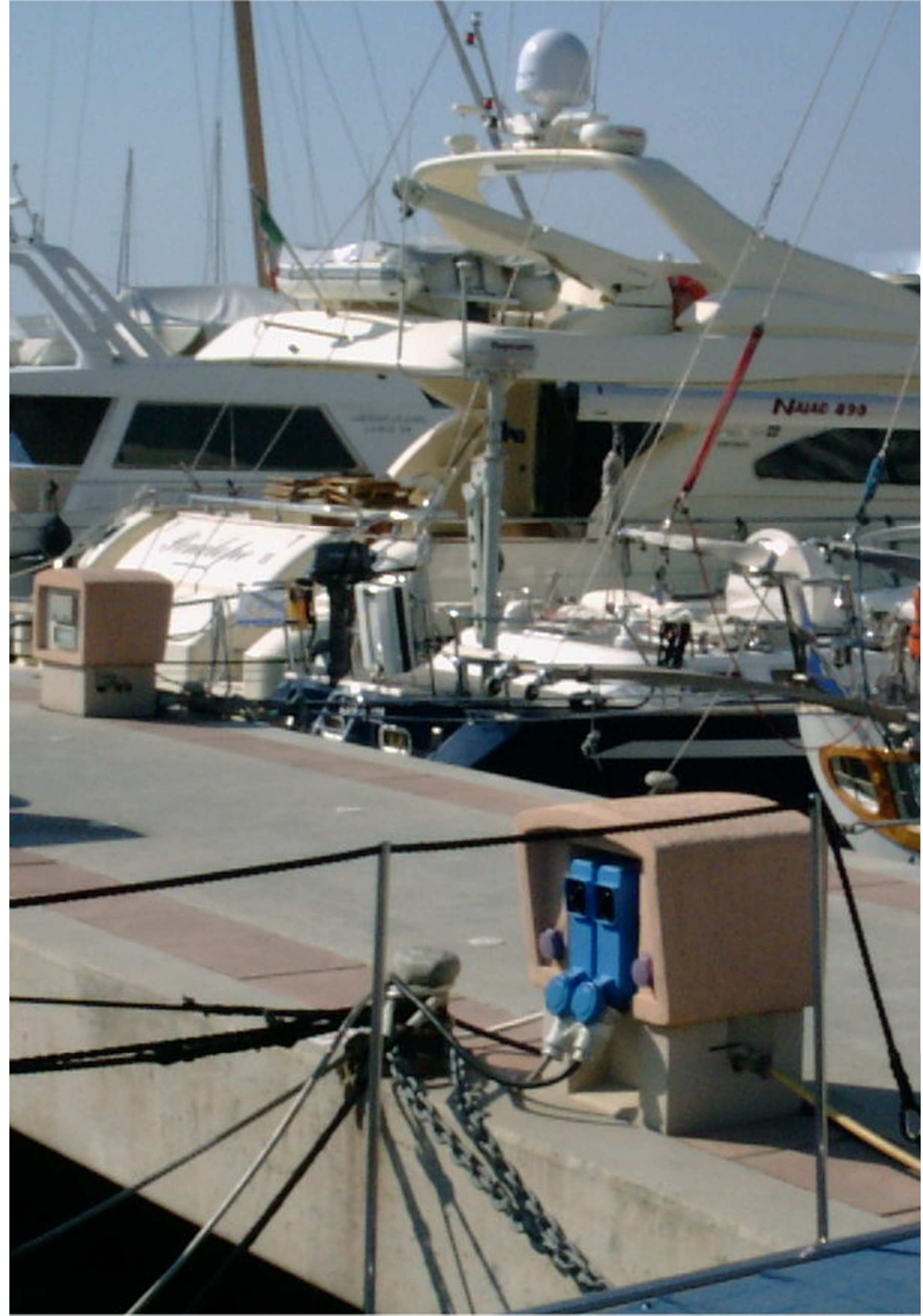
RISK PROFILE

- Aggressive high saline content environment;
- Temperature variations with risks of condensation;
- Use by untrained operators;
- Sun irradiation up to 1,20W/sqm;
- Presence of fuel and engine oil;
- Need for high level of impact resistance.



THE SOLUTIONS

- Corrosion-proof enclosure against combined based attacks: sea + hydrocarbons;
- Excellent level of salt resistance;
- Completely robust and resistant to changes in temperature;
- Excellent level of UV ray resistance;
- Interlocked sockets fitted with AC3 AC23A isolator switch at plate data amperage (16A,32A etc.), starting and stopping of cage motors;
- High level of impact resistance.





Bogliaco di Gargnano



The Bogliaco Marina is located on the Brescian coast of the fascinating and breathtaking panorama of Garda Lake. This port is protected by a marvellous natural environment, and an excellent geographic location with regards to the wind directions and the gulfs and bays which are very easy to reach; this provides all sailing and motorboat lovers with the possibility to find everything that suits their needs.



BSMART Series

Mooring harbour

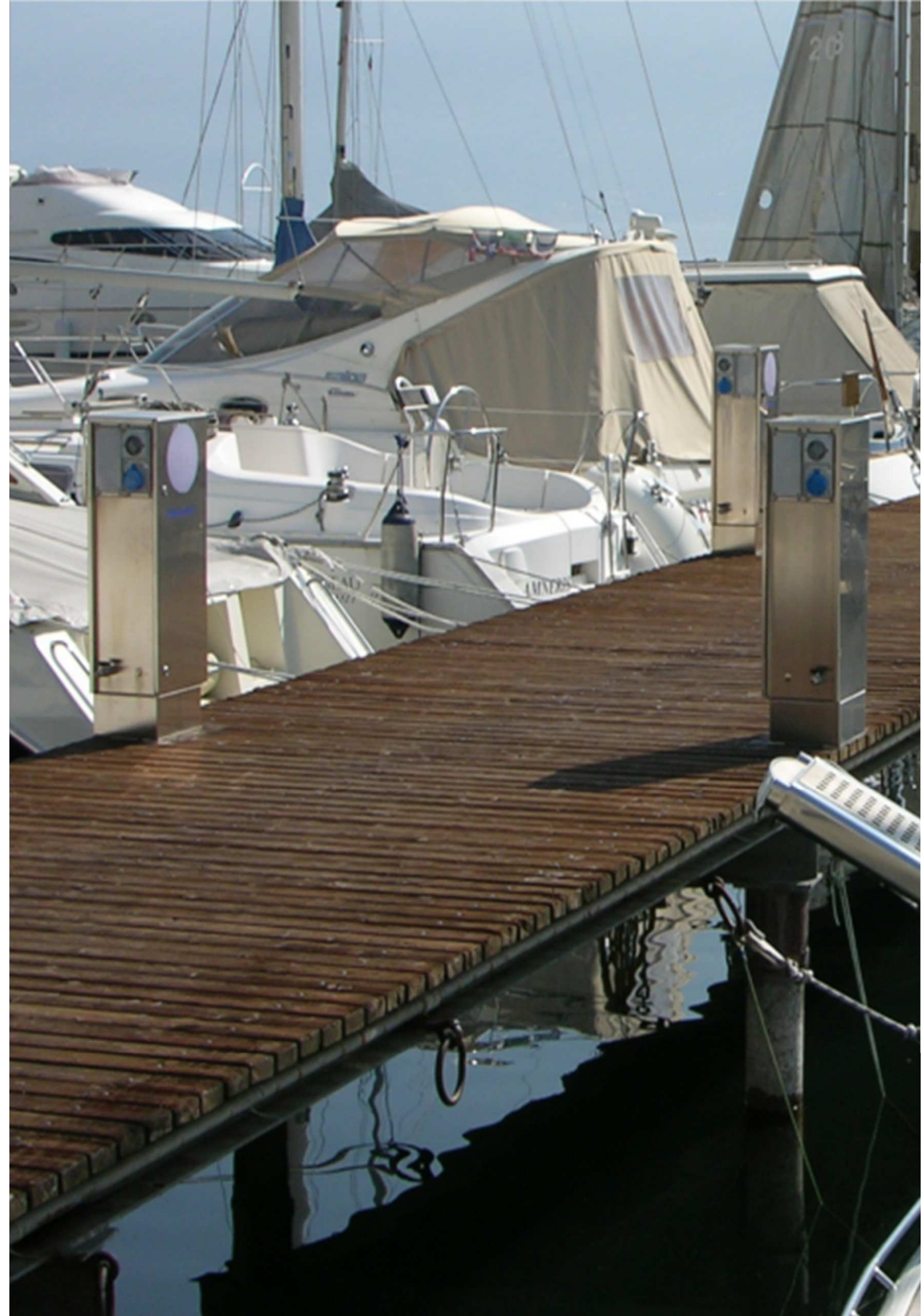
RISK PROFILE

- Temperature variations with risks of condensation;
- Use of sockets by untrained operators;
- Sun irradiation up to 1,20W/sqm;
- Presence of fuel and engine oil;
- High risk due to hail stones and acid rain;
- Customisation of the tower.

THE SOLUTIONS



- Casing in AISI 316L stainless steel with transparent panel to illuminate the walkway;
- The IP56 protection rating guarantees they are water and dust-proof even when the flap is open;
- Electrical components are segregated inside watertight insulated enclosures to guarantee dual insulation;
- No maintenance is required, the steel used is non-toxic, flame-proof, smoke-proof and rodent-proof.



ASHDOD PORT

Israel



Ashdod is the fifth largest city in Israel, located in the southern district of the Country, on the Mediterranean coast. The Port of Ashdod is Israel's largest port accounting for 60% of the Country's imported goods. It remains one of the few deep water ports in the world to be built on the open sea, and its construction involved great engineering challenges. It has become a very important centre for the Israeli and international navigation and for all the cargo ships that here find a high level service.



*TER Series
interlocked sockets
32A 3P+E 3H
specific for
refrigerating
containers*

RISK PROFILE

- Error proof devices to connect to the socket loaded different from the refrigerating containers;
- Presence of untrained personnel;
- Interlocking highly stressed;
- Frequent starting and stopping of highly inductive loads.

THE SOLUTIONS



- Protective cap water and dust proof;
- Lockable knob in "0" and "1";



- AC3 AC23A isolator switch at plate data amperage (16A,32A,63A), starting and stopping of cage motors;



- Steel interlock bracket.