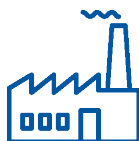


Special assembly



Temporary work boards



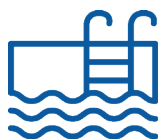
Industrial boards



Single or three phase solar photovoltaic installation boards



Protective boards for electric vehicle charging stations



Modular pool protection boards



Boards for basic or high level electrical housing



Solera

www.psolera.com

Technical information

Solera's special assemblies department is made up of a team of professionals dedicated to the design, assembly and certification of low voltage assemblies.

Directive	2014/35/UE (DBT), 2011/65/UE (RoHS)
Normative enclosures	EN 62208, EN 61439-1, 2, 3 & 4
Normative industrial sockets	EN 60309-1 & 2
Normative MCB	EN 60898-1, EN 60947-2
Normative RCB	EN 61008-1
REBT conformity	Yes

- ↓ Up to IP65.
- ↓ Halogen free.
- ↓ UV protection.
- ↓ Linkable.
- ↓ Customizable.

Request a quote, quickly and easily by entering www.psolera.com, in the assembly section.

String control panels for photovoltaic installations

Junction and protection panels for DC-INV and DC-INV-AC, ready for outdoor installations. UNE HD 60364-7-712.



Example	Description
Distribution boxes for photovoltaic energy with disconnecter, several inputs / one output, max. 1000Vdc, IP65.	
FV211016-63	1000VDC. Max. 25A DC 2 inputs
FV311016-63	1000VDC. Max. 55A DC 3 inputs
FV411016-63	1000VDC. Max. 63A DC 4 inputs
FV511016-63	1000VDC. Max. 63A DC 5 inputs
FV611016-63	1000VDC. Max. 63A DC 6 inputs



Example	Description
Distribution boxes for photovoltaic energy, several inputs / several outputs, connectors MC4, max. 1000Vdc, IP65.	
FV111016	1.000 Vdc 1 string IP65. 1 input MC4 / 1 output
FV221016	1.000 Vdc 2 strings IP65. 2 inputs MC4 / 2 outputs
FV331016	1.000 Vdc 3 strings IP65. 3 inputs MC4 / 3 outputs
FV441016	1.000 Vdc 4 strings IP65. 4 inputs MC4 / 4 outputs
FV551016	1.000 Vdc 5 strings IP65. 5 inputs MC4 / 5 outputs
FV661016	1.000 Vdc 6 strings IP65. 6 inputs MC4 / 6 outputs

Protective panels for electric vehicle charging stations

Single-phase and three-phase panels, designed under the technical application guide ICT-BT-52 for protecting electric vehicle charging stations.



Example	Description
12 modules. 270x250x160. 8'5kW.	
1312P-115	<ul style="list-style-type: none"> • IGA 2P 40A. Clase C. • 1 RCB 2P 40A, 30mA. Class A. • 1 Transient + permanent surge protector 40A. • Metal key lock. • earth terminal support.. • Floor fix system.

Custom solutions for temporary work panels

Designed for use in adverse environmental conditions, such as worksites, repairs and refurbishments.

Assemblies come fully assembled and wired with their corresponding certificate of conformity under the guidelines of the low voltage regulations REBT, its guide ICT-BT-33 and the standard UNE-EN 61439-4. Adapted to the specific needs of each customer and their budget, with no minimum amounts.



Example	Description
	<p>Temporarily work panels made up of two boxes of 11 modules. External dimensions 540x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.</p>
1311P-CPI16	<ul style="list-style-type: none"> • 1 Junction kit M-40. • 4 Schuko sockets 2P+E, 16A 250V~. IP67. • 2 Fitted interlocked socket-outlet 3P+E, 16A 400V~. IP67. • 2 MCB 2P, 16A. • 1 MCB 3P, 16A. • 1 MCB 4P, 40A. • 1 RCB 4P, 40A, 30mA. • 1 Bobina de mínima. • 1 Modular surge protection 4P. • 1 emergency button.



Temporarily work panels made up of two boxes of 11 modules. External dimensions 540x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.

- | | |
|--------------|---|
| 1311P-CPI3-8 | <ul style="list-style-type: none"> • 1 Junction kit M-40. • 4 Fitted interlocked socket-outlet 2P+E, 16A 250V~. IP67. • 2 MCB 2P, 16A. • 1 MCB 2P, 32A. • 1 RCB 2P, 40A, 30mA. • 1 Shunt trip. • 1 Modular surge protection 4P. • 1 emergency button. |
|--------------|---|



Temporarily work panels made up of one box of 16 modules & one of 11 modules. External dimensions 632x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.

- | | |
|-------------|---|
| 1316P-CPI43 | <ul style="list-style-type: none"> • 1 Junction kit M40. • 2 Fitted interlocked socket-outlet 3P+N+E, 16A 400V~. IP67. • 3 Fitted interlocked socket-outlet 3P+N+E, 32A 400V~. IP67. • 1 MCB 4P, 16A. • 3 MCB 4P, 32A. • 1 MCB 4P, 63A. • 1 RCB 4P, 63A, 30mA. • 1 Shunt trip. • 1 emergency button. |
|-------------|---|



Temporarily work panels 16 modules. External dimensions 362x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.

- | | |
|-------------|---|
| 1316P-CPI97 | <ul style="list-style-type: none"> • 3 Fitted interlocked socket-outlet 2P+E, 16A 250V~. IP67. • 2 MCB 2P, 16A. • 1 MCB 2P, 25A. • 1 RCB 2P, 25A, 30mA. • 1 Shunt trip. • 1 Modular surge protection 2P. • 1 emergency button. |
|-------------|---|



Temporarily work panels made up of one box of 16 modules & one of 8 modules. External dimensions 577x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.

- | | |
|-------------|--|
| 1316P-CPI39 | <ul style="list-style-type: none"> • 1 Junction kit M40. • 3 Schuko sockets 2P+E, 16A 250V~. IP67. • 1 Fitted interlocked socket-outlet 2P+E, 16A 250V~. IP67. • 2 Fitted interlocked socket-outlet 3P+N+E, 32A 400V~. IP67. • 2 MCB 2P, 16A. • 1 MCB 4P, 32A. • 1 MCB 4P, 63A. • 1 RCB 4P, 63A, 30mA. • 1 Shunt trip. • 1 Modular surge protection 4P, 20kA. • 1 emergency button. |
|-------------|--|

Custom solutions for temporary work panels



Example	Description
---------	-------------

Temporarily work panels made up of one box of 32 modules & one of 16 modules. External dimensions 724x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.

1332P-CPI129

- 1 Junction kit M40.
- 3 Fitted interlocked socket-outlet 3P+E, 16A 400V~. IP67.
- 3 Fitted interlocked socket-outlet 3P+E, 32A 400V~. IP67.
- 2 MCB 3P, 16A.
- 2 MCB 3P, 32A.
- 1 MCB 4P, 63A.
- 1 RCB 4P, 63A, 30mA.
- 1 Shunt trip.
- 1 Modular surge protection.
- 1 emergency button.



Temporarily work panel 32 modules. External dimensions 362x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.

1332P-CPI5-1

- 1 Fitted interlocked socket-outlet 2P+E, 16A 250V~. IP67.
- 1 Fitted interlocked socket-outlet 3P+N+E, 16A 400V~. IP67.
- 1 Fitted interlocked socket-outlet 3P+N+E, 32A 400V~. IP67.
- 1 MCB 2P, 16A.
- 1 MCB 4P, 16A.
- 1 MCB 4P, 32A.
- 1 MCB 4P, 40A.
- 1 RCB 4P, 40A, 30mA.
- 1 Shunt trip.
- 1 emergency button.



Temporarily work panels made up of one box of 32 modules & one 820P. External dimensions 724x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.

1332P-CPI115

- 1 Junction kit M40.
- 3 Fitted interlocked socket-outlet 2P+E, 16A 230V~. IP67.
- 3 Fitted interlocked socket-outlet 3P+E, 16A 400V~. IP67.
- 2 Fitted interlocked socket-outlet 3P+E, 32A 400V~. IP67.
- 2 MCB 2P, 16A.
- 2 MCB 3P, 16A.
- 1 MCB 3P, 32A.
- 1 MCB 4P, 63A.
- 2 RCB 4P, 63A, 30mA.
- 1 Shunt trip.
- 1 Modular surge protection.
- 1 emergency button.



Temporarily work panels made up of one box of 32 modules & one 820P. External dimensions 724x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.

1332P-CPI89

- 1 Junction kit M40.
- 6 Schuko sockets 2P+E, 16A 250V~. IP67.
- 1 Fitted interlocked socket-outlet 2P+E, 16A 250V~. IP67.
- 2 Fitted interlocked socket-outlet 3P+N+E, 16A 400V~. IP67.
- 4 MCB 2P, 16A.
- 1 MCB 4P, 16A.
- 1 MCB 4P, 63A.
- 1 RCB 4P, 63A, 30mA.
- 1 Shunt trip.
- 1 emergency button.



Polyester cabinet. External dimensions 600x800x300. With chassis. With wall fix system.

PL608030-91

- 3 Fitted interlocked socket-outlet 2P+E, 16A 230V-6h. IP67.
- 1 Fitted interlocked socket-outlet 3P+E, 16A 400V-6h. IP67.
- 1 Fitted interlocked socket-outlet 3P+N+E, 16A 400V-6h. IP67.
- 1 Fitted interlocked socket-outlet 3P+N+E, 32A 400V-6h. IP67.
- 1 MCB (IGA) 4P, 63A. Curva C. 10kA.
- 2 MCB 2P, 16A. Curva C. 6kA.
- 1 MCB 2P, 25A. Curva C. 6kA.
- 1 MCB 3P, 16A. Curva C. 6kA.
- 1 MCB 4P, 16A. Curva C. 6kA.
- 1 MCB 4P, 32A. Curva C. 6kA.
- 1 MCB 4P, 40A. Curva C. 10kA.
- 1 RCB 2P, 40A, 30mA.
- 1 RCB 2P, 40A, 300mA.
- 2 RCB 4P, 40A, 30mA.
- 1 RCB 4P, 40A, 300mA.
- 1 Fuse holder 10x38.
- 1 Shunt trip 230V.
- 1 Emergency button.
- 1 Phase repeater 4P, 50mm.
- 1 Entry connection kit.

Industrial panels, with or without circuit-breakers

Custom-designed and assembled panels, with or without circuit-breakers. Thanks to their technical characteristics, they are ready for use in a variety of sectors, including manufacturing, hospitality, logistics, agriculture, events, and more.



Example	Description
---------	-------------

Industrial panel 8 modules. External dimensions 215x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.

- | | |
|-----------------|--|
| 1308P-C5 | <ul style="list-style-type: none"> • 1 Schuko sockets 2P+E, 16A 250V. IP54. • 2 EC socket 2P+EX, 16A 250V. IP44. |
|-----------------|--|



Industrial panel 8 modules. External dimensions 215x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.

- | | |
|-----------------|---|
| 1308P-I7 | <ul style="list-style-type: none"> • 6 Schuko sockets 2P+E, 16A 250V~. IP54. • 2 MCB 2P, 16A. • 1 MCB 2P, 25A. • 1 RCB 2P, 25A, 30mA. |
|-----------------|---|



Industrial panel 11 modules. External dimensions 270x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.

- | | |
|-----------------|--|
| 1311P-C1 | <ul style="list-style-type: none"> • 2 Schuko sockets 2P+E, 16A 230V. IP54. • 1 EC socket 3P+E, 16A 400V. IP44. • 1 EC socket 3P+E, 32A 400V. IP44. |
|-----------------|--|



Industrial panel 11 modules. External dimensions 270x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.

- | | |
|------------------|---|
| 1311P-I14 | <ul style="list-style-type: none"> • 4 Schuko sockets 2P+E, 16A 250V~. IP67. • 2 MCB 2P, 16A. • 1 MCB 2P, 25A. • 1 RCB 2P, 25A, 30mA. • 1 Shunt trip. • 1 Modular surge protection 2P. • 1 emergency button. |
|------------------|---|



Industrial panel 16 modules. External dimensions 362x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.

- | | |
|------------------|--|
| 1316P-C10 | <ul style="list-style-type: none"> • 3 Schuko sockets 2P+E, 16A 250V. IP67. • 1 EC socket 3P+ N+E, 16A 400V. IP67. |
|------------------|--|



Industrial panel 16 modules. External dimensions 362x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.

- | | |
|-----------------|--|
| 1316P-I4 | <ul style="list-style-type: none"> • 4 Schuko sockets 2P+E, 16A 250V~. IP54. • 2 EC sockets 2P+E, 16A 250V~. IP44. • 3 MCB 1P+N, 16A. • 1 MCB 2P, 40A. • 1 RCB 2P, 40A, 30mA. • 1 Shunt trip. • 1 emergency button. |
|-----------------|--|



Industrial panel 16 modules. External dimensions 362x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.

- | | |
|-----------------|---|
| 1316P-I6 | <ul style="list-style-type: none"> • 2 Schuko sockets 2P+E, 16A 250V~. IP54. • 2 EC sockets 2P+E, 16A 250V~. IP44. • 2 EC sockets 3P+E, 16A 400V~. IP44. • 2 MCB 2P, 16A. • 1 MCB 3P, 16A. • 1 MCB 4P, 40A. • 1 RCB 4P, 40A, 30mA. |
|-----------------|---|



Industrial panel made up of one box of 22 modules & one box of 11 modules. External dimensions 540x500x160. Pre-cut openings: 4 Ø 20, 4 Ø 25 and 2 Ø 40.

- | | |
|-----------------|---|
| 1322P-I4 | <ul style="list-style-type: none"> • 1 Junction kit. • 4 Schuko sockets 2P+E, 16A 250V. IP54. • 4 EC sockets 3P+E, 32A 400V. IP44. • 2 MCB 3P, 32A. • 2 MCB 2P, 16A. • 1 MCB 4P, 40A. • 1 RCB 2P, 40A, 30mA. • 1 RCB 4P, 40A, 30mA. • 1 Shunt trip. • 1 emergency button. |
|-----------------|---|

Modular swimming pool protection panels

Electrical control and protection panels for pumps and lighting. Ready for installation in outdoor weather and humidity, with optional Bluetooth control.



Example	Description
11 modules. External dimensions 270x250x160.	
CSP-06	<ul style="list-style-type: none"> • 1 MCB 2P, 16A. • 1 MCB 2P, 10A. • 1 RCB 2P, 40A, 30mA. • 1 Weekley digital time switch. • 1 Motor protection. • 1 Modular contactor. • 1 switch selector 3 positions. • 2 Buttons.

Basic or high level electrical panels for residential and non-residential sectors

Electrical panels equipped with AENOR-certified circuit-breakers. Custom designed to suit customer needs.



Example	Description
Basic level electrical panels 22 modules. 459x220x72.	
8690EB25-1	<ul style="list-style-type: none"> • Automatic main switch (IGA) 2P, 25A. Curve C. 6kA. • RCB 2P, 25A, 30mA. Class AC. • Circuit C1 (lighting) 2P, 10A. Curve C. 6kA. • Circuit C2 (general use and refrigerator sockets) 1P+N, 16A. Curve C. 6kA. • Circuit C3 (kitchen & oven) 2P, 25A. Curve C. 6kA. • Circuit C4.1 (dishwasher) 2P, 16A. Curve C. 6kA. • Circuit C4.2 (electric boiler) 2P, 16A. Curve C. 6kA. • Circuit C4.3 (washing machine) 2P, 16A. Curve C. 6kA. • Circuit C5 (bathroom and kitchen plugs & sockets) 2P, 16A. Curve C. 6kA.

