



General information

These brief instructions contain the essential installation instructions for OPOLE empty enclosures without claiming to be complete. The brief instructions are intended for electrical engineering specialists of the manufacturer of the distribution box combination. In addition to these brief instructions, the applicable operating instructions at www.pce.pl must also be observed.



PC Electric GmbH accepts no liability for any damage caused by:

- Non-observation of this Quick Start Guide and the applicable operating instructions
- Non-intended use
- Work on the empty enclosure by non electro technical personnel
- Use of untested components from third-party suppliers

Safety information



WARNING

Risk of electric shock due to live equipment!

Before starting any work, perform the following safety steps:

- Disconnect
- Secure against restarting
- Check that no voltage is present
- Ground and short-circuit
- Cover or isolate adjacent live parts



WARNING

Risk of injury due to improper use in potentially explosive atmospheres!

OPOLE enclosures are not designed for use in explosive atmospheres

- Observe the intended use of the OPOLE enclosures

NOTE

Special operating conditions

- When used at temperatures below freezing point, the seals on the upper part of the enclosure or on the hinged window may freeze - Replace the OPOLE empty enclosure with the damaged seals
- In environments with fluctuating temperature or high humidity, damage due to condensation is possible - Provide OPOLE empty enclosure with appropriate provisions for ventilation

Responsibility of the manufacturer of the distribution box combination



- Only electro technical specialists may work on the OPOLE empty enclosure
- Provide functional and personal protective equipment
- Comply with country-specific directives, regulations and product standards
- Properly perform contact protection, potential bonding and protective conductor integration of the installed switchgear
- Provide the necessary documents for qualified electricians
- Ensure that the installed components are used as intended

Intended use

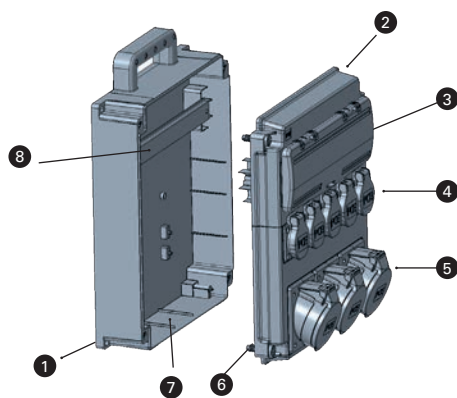
OPOLE empty enclosure is suitable for:

- Installation of protection and control devices, as well as plugs and sockets
- Production of low-voltage and switchgear combinations
- Use according to the technical data

All specifications for the installation of the OPOLE empty enclosure and the operating equipment must be observed. Any use beyond this is considered improper!

Product description

OPOLE-empty enclosure is a distribution box made of isolated material ABS (Acryl-Butadien-Styrol) with fuse window made of PC.



OPOLE

1. Bottom housing part
2. Top housing part
3. Hinged window with snap lock and shut-off device
4. Safety socket (optional)
5. CEE mounted socket (optional)
6. Plastic housing screw (x4)
7. Opening for sealing \varnothing 2 mm
8. Drill mark for cable glands

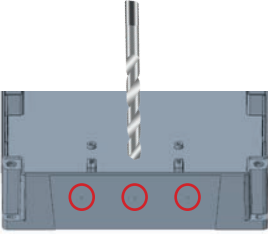
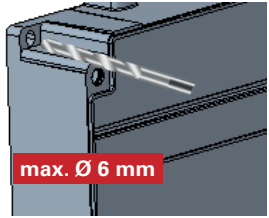
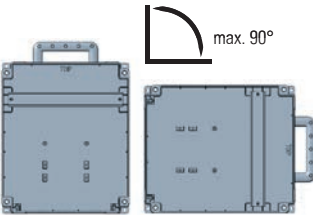
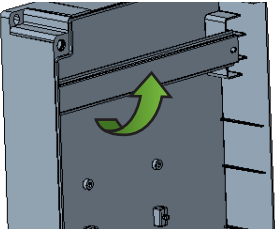
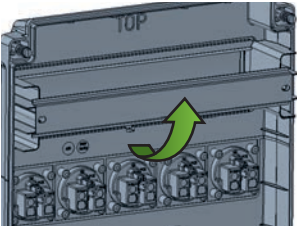
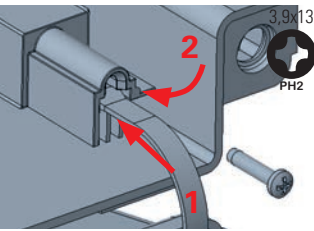
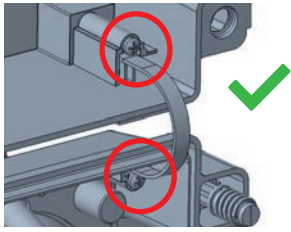
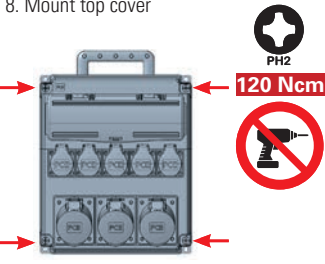
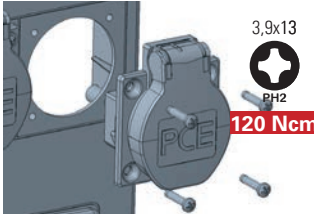
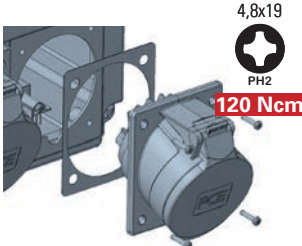
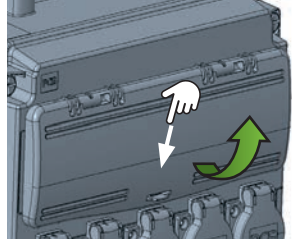
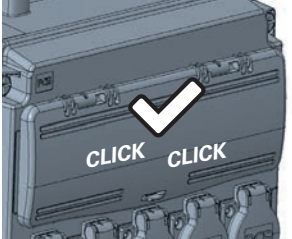
Model overview

Modell:	Empty distribution box		Empty distribution box - perforated	
Article number:	9092110	9091110	9092111	9091111
Image:				
Units:	14 TE	14 TE	14 TE	14 TE
Delivery:	1. Bottom housing part (with transport handle / without transport handle) 2. Top housing part (without mounting holes with installed inspection window) 3. Quick start guide 4. Plastic housing screw (x4) 5. Rail TH35x7,5 285mm 6. Hinge (x2) 7. Screw for TH35x7,5 busbar (top mounting of the enclosure) 4x35/15 (x2) 8. Screw for TH35x7,5 busbar (bottom mount) DIN 7981 CH 3,9x25 (x2) 9. Screw DIN 7983 3,9x13 A2 (x4)		1. Bottom housing part (with transport handle / without transport handle) 2. Top housing part (with mounting holes with installed inspection window) 3. Quick start guide 4. Plastic housing screw (x4) 5. Rail TH35x7,5 285mm 6. Hinge (x2) 7. Screw for TH35x7,5 busbar (top mounting of the enclosure) 4x35/15 (x2) 8. Screw for TH35x7,5 busbar (bottom mount) DIN 7981 CH 3,9x25 (x2) 9. Screw DIN 7983 3,9x13 A2 (x4)	



Further accessories and technical data visit www.pce.pl

Recommended assembly sequence using empty distribution box OPOLE as an example

<p>1. Drill openings for cable glands</p> 	<p>2. Drill holes for wall mounting</p>  <p>max. Ø 6 mm</p>	<p>3. Wall mounting (TOP or max. 90°)</p>  <p>max. 90°</p>
<p>4. Mount screw covers</p> 	<p>5. Insert hinge straps</p> 	<p>6. Fix hinge straps</p>  <p>3,9x13 PH2</p>
<p>7. Mount hinge straps with screw</p> 	<p>8. Mount top cover</p>  <p>PH2 120 Ncm</p>	<p>9. Mount safety sockets with flange (optional)</p>  <p>3,9x13 PH2 120 Ncm</p>
<p>10. Mount CEE flanged sockets (optional)</p>  <p>4,8x19 PH2 120 Ncm</p>	<p>11. Open hinged window</p> 	<p>12. Close hinged window</p>  <p>CLICK CLICK</p>



These assembly instructions describe the assembly of the OPOLE empty housing without electrical installation.

Stationary and mobile empty distribution boxes - OPOLE
 Cat. No. - 9092110, 9091110, 9092111, 9091111



Compliance

OPOLE empty housing complies with the following requirements and standards:

- Low Voltage Directive 2014/35/EU
- RoHS 2011/65/EU and 2015/863/EU
- OPOLE empty housing complies with the requirements of IEC/EN 62208 standard

(The type label is located inside the OPOLE empty housing)

Technical data

Dimensions (outside)	WITH HANDLE	WITHOUT HANDLE
Height (mm)	355	405
Width (mm)	300	300
Depth (mm)	128	128

Dimensions (inside)

Height (mm)	345	345
Width (mm)	292	292
Depth (mm)	95	95

	BLIND		WITH MOUNTING HOLES	
	WITH HANDLE	WITHOUT HANDLE	WITH HANDLE	WITHOUT HANDLE
Load capacity [max. kg]	8	8	8	8
Weight (kg)	1,5	1,4	1,5	1,4
Power dissipation capacity (Pde) [W]	47,6	47,6	47,6	47,6
Ambient temperature [°C]	-25°C to +40°C			
Transport and storage temperatures [°C]	-25°C do +55°C / short-term (24h) +70°C			
Humidity for indoor installation [%]	Max. 50% at max. ambient temperature of +40°C			
Humidity outdoor [%]	Temporarily 90 at max. ambient temperature of +20°C			
IP degree of protection			IP54	
IK impact resistance			IK08	
Pollution degree			3	
Rated insulation voltage [V]			690V	
Maximum installation height over sea level [m]			2000m n.p.m.	
Glow wire strength IEC/EN 60695-2-11 [°C]			650 °C	

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We reserve the right to make changes in the interest of technical improvement as well as possible printing errors.
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