

# PCE

Connection  
to the future



PV Distribution Boxes  
*SOL-line Series*

Focus on quality!

TOP  
QUALITY!



# PCE POLSKA

**PCE connects what belongs together!**

**Quality with safety, technology with people, today with tomorrow and this for decades.**

PCE Polska was founded by DDr. Robert Ehrlich in 1994 as a company with a production and commercial profile with high quality products for the electrical sector.

Currently we specialize in providing domestic and foreign customers with the highest quality of industrial plugs and sockets with international standard IEC 60309. PCE Polska belongs to the international PCE Group with headquarters in Austria. For many years we have been developing, striving to gradually improve our products and services to provide customers benefits permanently associated with the brand. Complex and continuously expanded offer of industrial plugs and sockets, distribution boxes, PV-boxes, cable reels, cam connectors and many others, meets the expectation of the most demanding customers.

Our R&D team ensures continuous improvement of the products, that's why we are always able to meet the market requirements: technically, technologically and according to price conditions. High level of quality (ISO 9001:2015), flexibility and constant innovation of products and processes are among the most important factors of our successful customer-oriented strategy.

The distinguishing feature of PCE Polska among other manufacturers in the electrical industry is not only the excellent quality of products, but also very short lead times, which is due to the flexible production system and well-developed storage methods. High efficiency and uncomplicated way of receiving and fulfilling orders allow us to offer a good price level for the products that meet the highest quality standards.

Our mother company PC Electric is a strong, worldwide leader in the development and production of industrial plugs and sockets with an export share of over 80%!

## PCE GROUP

- PC ELECTRIC, St. Martin, Austria
- PCE POLSKA, Dzierżoniów, Polska
- PCE MERZ, Gaildorf, Niemcy
- PCE Sri Lanka, Sri Lanka
- BRANDT GESMBH, Inzersdorf, Austria
- MOSER Systemelektrik, Gaildorf, Niemcy
- SALZER, Rochlitz, Niemcy



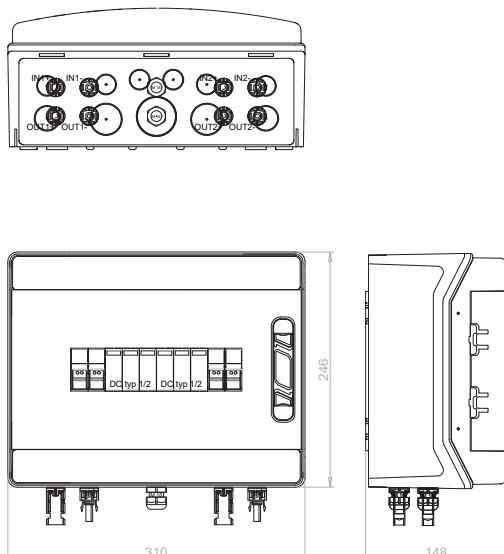
## Cat.No. : 90PV001 / 90PV006 \*

Height x Width x Depth = 246x310x148mm

Equipment:

| Housing    | Dimensions HxWxD | Description   |
|------------|------------------|---|
| CDP12PT/RR | 246x310x148 mm   | <ul style="list-style-type: none"> <li>• housing CDP12PT/RR IP65,</li> <li>• DC junction box for two strings of PV modules,</li> <li>• equipped with 2x DC surge arrester type 1/2 from Phoenix Contact,</li> <li>• 4 x fuse insert 16A gPV 1000V DC,</li> <li>• inlet/outlet: MC4 type connectors, 2 x M16 cable gland for PE cable,</li> <li>• hinged window 12 modules,</li> <li>• ready wired for connection,</li> <li>• rated current - 16A DC,</li> <li>• IK08,</li> <li>• RAL 7035</li> </ul> <p>* surge arrester type 2</p> |

Dimensions:



### Focus on quality!

- ✓ We use the highest quality components,
- ✓ Cooperation with leaders in the electrical & engineering market,
- ✓ Guarantee of the highest quality products.



Additional information:

- \* In all distribution boxes, the cross-section of the PE protective conductor used for the DC side is 16mm<sup>2</sup> (this is standards and also manufacturers recommendation).
- \* The lightning and surge protections used are produced by Phoenix Contact.
- \* Various configurations available on request, more information in the Sales Department.

*SOL-line*



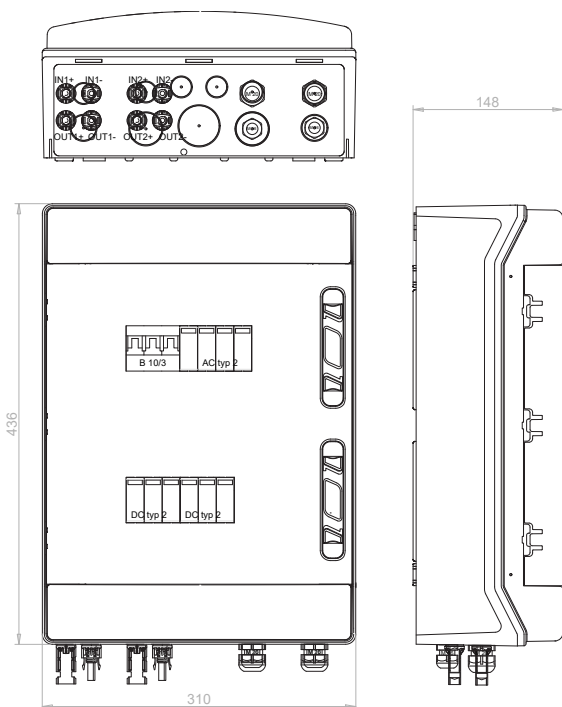
## Cat.No. : 90PV002 / 90PV007 \*

Height x Width x Depth = 436x310x148mm

Equipment:

| Housing    | Dimensions HxWxD | Description  |
|------------|------------------|--|
| CDP24PT/RR | 436x310x148 mm   | <ul style="list-style-type: none"> <li>• housing CDP24PT/RR IP65,</li> <li>• AC/DC junction box for two strings of PV modules,</li> <li>• equipped with 2 x DC surge arrester type 2 from Phoenix Contact, AC type 2 surge arrester, B10 3P circuit breaker,</li> <li>• input/output: MC4 type connectors, 2x M20 cable gland, 2 x M16 cable gland for PE cable,</li> <li>• 2 x hinged window 12 modules,</li> <li>• ready wired for connection,</li> <li>• rated current - 35A DC, 10A AC,</li> <li>• IK08,</li> <li>• RAL 7035</li> </ul> <p>* surge arrester type 1/2</p> |

Dimensions:



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\* The lightning and surge protections used are produced by Phoenix Contact.

\* Various configurations available on request, more information in the Sales Department.

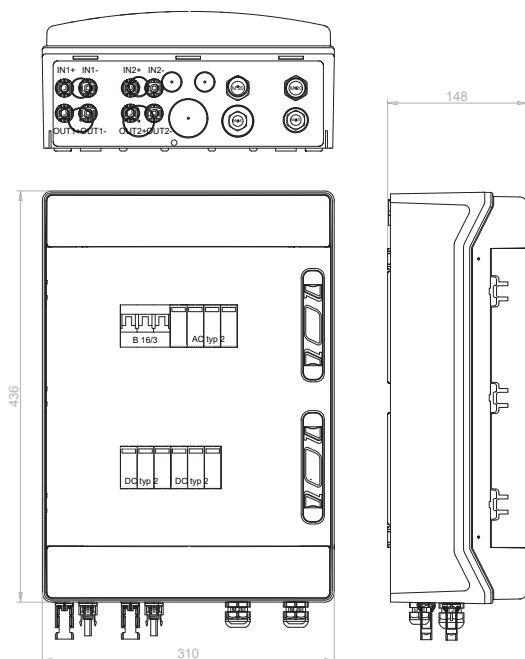
## Cat.No. : 90PV003 / 90PV008 \*

Height x Width x Depth = 436x310x148mm

Equipment:

| Housing    | Dimensions HxWxD | Description  |
|------------|------------------|--|
| CDP24PT/RR | 436x310x148 mm   | <ul style="list-style-type: none"> <li>• housing CDP24PT/RR IP65,</li> <li>• AC/DC junction box for two strings of PV modules,</li> <li>• equipped with 2 x DC surge arrester type 2 from Phoenix Contact, AC type 2 surge arrester, B16 3P circuit breaker,</li> <li>• input/output: MC4 type connectors, 2x M20 cable gland, 2 x M16 cable gland for PE cable,</li> <li>• 2 x hinged window 12 modules,</li> <li>• ready wired for connection,</li> <li>• rated current - 35A DC, 16A AC,</li> <li>• IK08,</li> <li>• RAL 7035</li> </ul> <p>* surge arrester type 1/2</p> |

Dimensions:



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*SOL-line*



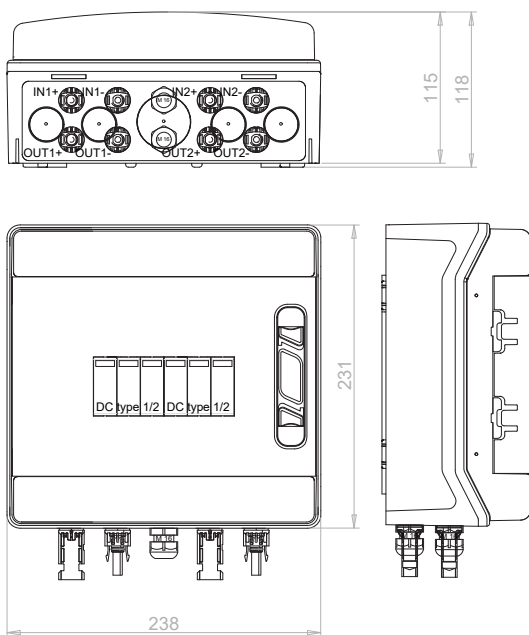
## Cat.No. : 90PV004 / 90PV009 \*

Height x Width x Depth = 231x238x118mm

Equipment:

| Housing   | Dimensions HxWxD | Description   |
|-----------|------------------|---|
| CDP8PT/RR | 231x238x118 mm   | <ul style="list-style-type: none"> <li>• housing CDP8PT/RR IP65,</li> <li>• DC junction box for two strings of PV modules,</li> <li>• equipped with 2 x DC surge arrester type 1/2 from Phoenix Contact,</li> <li>• input/output: MC4 type connectors, 2 x M16 cable gland for PE cable,</li> <li>• hinged window 8 modules,</li> <li>• ready wired for connection,</li> <li>• rated current - 35A DC,</li> <li>• IK08,</li> <li>• RAL 7035</li> </ul> <p>* surge arrester type 2</p> |

Dimensions:



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*SOL-line*

Additional information:

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\* Various configurations available on request, more information in the Sales Department.

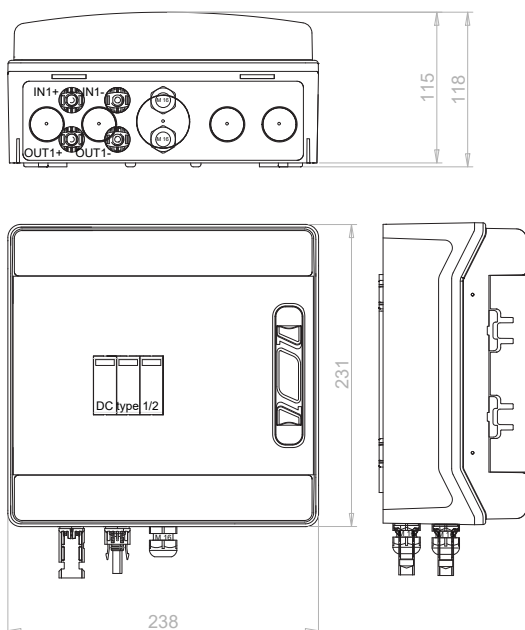
## Cat.No. : 90PV005 / 90PV010 \*

Height x Width x Depth = 231x238x118mm

Equipment:

| Housing   | Dimensions HxWxD | Description  |
|-----------|------------------|--|
| CDP8PT/RR | 231x238x118 mm   | <ul style="list-style-type: none"> <li>• housing CDP8PT/RR IP65,</li> <li>• DC junction box for one string of PV modules,</li> <li>• equipped with DC surge arrester type 1/2 from Phoenix Contact,</li> <li>• input/output: MC4 type connectors, 2 x M16 cable gland for PE cable,</li> <li>• hinged window 8 modules,</li> <li>• ready wired for connection,</li> <li>• rated current - 35A DC,</li> <li>• IK08,</li> <li>• RAL 7035</li> </ul> <p>* surge arrester type 2</p> |

Dimensions:



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# PCE



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## Focus on quality and innovation with PCE!

**Check out the new PV distribution boxes from our SOL-line series,  
which are strictly dedicated to photovoltaics:**

- ✓ Our technical & innovation team ensures the continuous improvement of the products,
- ✓ We combine sustainability and environmental aspects for more transparency,
- ✓ Many years of experience in assembly shape reliability of our products,
- ✓ Each of our distribution boxes is precisely designed and constructed,
- ✓ Increased safety, thanks to compliance with standard EN 50539-11,
- ✓ Surge protection ensure to the highest quality,
- ✓ Reliability of the protection devices used,
- ✓ Reliable contact, thanks to integrated rotating latch,
- ✓ Strength combined with aesthetics,
- ✓ The highest quality components,
- ✓ We cooperate with leaders in the electrical engineering market,
- ✓ Various configurations available.



We constantly update the offer to meet market expectation in terms of:

- ✓ technical,
- ✓ technological,
- ✓ price issue.

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