



# Boxes, equipment and various components

## IP 65 junction boxes in polycarbonate

### Technical characteristics

- protection degree IP 65
- insulation class II 
- available in RAL 7035 grey
- in polycarbonate material, self-extinguishing and resistant to abnormal heat and fire up to 960 °C (glow wire test) in compliance with IEC 60695-2-1 Standard
- operating temperature from -25 °C to +115 °C
- shock resistance 20 Joules (IK level 10)
- high resistance to UV rays
- perfectly symmetrical junction boxes with possibility of attaching the lid hinges, (using the special articulated screws supplied) on the right or left with 140° opening
- boxes code 12 808, 12 812, 12 814, 12 816 and 12 818 fitted with one rigid and one bi-material flange for facilitated input of conduits and cables
- junction boxes produced in compliance with CEI 23-48 and IEC 60 670 Standards
- boxes are supplied complete with:
  - 4 screw-cover caps to guarantee 
  - accessories for attaching the hinges on the front
  - 1 certification plate
  - instruction sheet



FLCOM2

IMO mark



IP 65 junction boxes in polycarbonate material obtained the IMO mark of approval

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## IP 65 junction boxes in polycarbonate

140x220x140 mm



Code	Dimensions (mm) WxHxD	Box/pack No items
<b>12 804</b>	140x220x140	1/14

205x220x140 mm



Code	Dimensions (mm) WxHxD	Box/pack No items
<b>12 808</b>	205x220x140	1/9

275x220x140 mm



Code	Dimensions (mm) WxHxD	Box/pack No items
<b>12 812</b>	275x220x140	1/6

6

275x370x140 mm



Code	Dimensions (mm) WxHxD	Box/pack No items
<b>12 814</b>	275x370x140	1/4

275x570x140 mm



Code	Dimensions (mm) WxHxD	Box/pack No items
<b>12 816</b>	275x570x140	1/2

380x570x140 mm



Code	Dimensions (mm) WxHxD	Box/pack No items
<b>12 818</b>	380x570x140	1/2

# Boxes, equipment and various components

## Accessories for IP 65 junction boxes in polycarbonate

### Base plates

In aluminium-plated metal



Code	For boxes type	Box/pack No items
<b>12 842</b>	12 804	10/120
<b>12 844</b>	12 808	10/10
<b>12 845</b>	12 812	10/10
<b>12 846</b>	12 814	5/5
<b>12 847</b>	12 816	5/5
<b>12 848</b>	12 818	5/5

### Base plates

Protection degree: IP 67



Code	For boxes type	Box/pack No items
<b>12 832</b>	12 804	10/10
<b>12 834</b>	12 808	10/10
<b>12 835</b>	12 812	10/10
<b>12 836</b>	12 814	5/5
<b>12 837</b>	12 816	5/5
<b>12 838</b>	12 818	5/5

6

### DIN metal section bars

Complete with screws



Code	For boxes type	Box/pack No items
<b>12 852</b>	12 804	50/600
<b>12 854</b>	12 808	30/360
<b>12 855</b>	12 812 – 12 814 – 12 816	50/200
<b>12 856</b>	12 818	50/200

### Wall brackets



Code	Description	Box/pack No items
<b>12 858</b>	in insulating material	20/240

# Boxes, equipment and various components

## Accessories for IP 65 junction boxes in polycarbonate

### Terminal blocks

The complete terminal blocks are composed of a combination of terminal holders and terminal bars as indicated in the description, with the terminal bars already mounted on terminal holders. Configuration of the complete terminal block is standard. For different requirements (customized terminal block), the terminal holders and bars must be procured separately in the versions indicated in the table.



Code	Description	Box/pack No items
<b>12 490</b>	for box 12804 – composed of 12538x2 + 12531x2	10/60
<b>12 491</b>	for box 12808 – composed of 12539x2 + 12531x2	10/60
<b>12 492</b>	for box 12812 – composed of 12540x1 + 12531x1 + 12532x1	10/40
<b>12 494</b>	for box 12814 – composed of 12540x2 + 12533x2	10/40
<b>12 493</b>	for box 12816 – composed of 12540x2 + 12534x2	10/40
<b>12 497</b>	for box 12818 – composed of 12543x2 + 12535x2	10/40

### Terminal holders



### Terminal bars



Code	For boxes type	Box/pack No items
<b>12 538</b>	12 804	12/360
<b>12 539</b>	12 808	12/360
<b>12 540</b>	12 812 – 12 814 – 12 816	12/144
<b>12 543</b>	12 818	12/108

The terminal block is completed by combining the necessary terminal bars to the terminal holders, taking care to keep the terminal bars separated from each other.

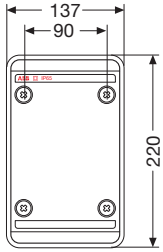
Code	Description No of holes x Ø holes (mm) + No of holes x Ø holes (mm)	Box/pack No items
<b>12 531</b>	5x4.5	20/240
<b>12 532</b>	10x4.5 + 3x5.6	20/240
<b>12 533</b>	16x4.5 + 3x5.6	20/240
<b>12 534</b>	15x4.5 + 6x5.6	20/240
<b>12 535</b>	19x4.5 + 6x5.6	20/240

The terminal bars can be installed on any kind of terminal holder; they are snapped onto these with 2 clips per bar, through two holes made at the ends of the bar itself.

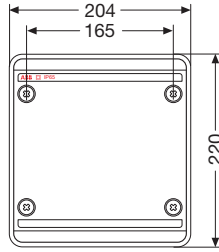
# Overall dimensions

## IP 65 junction boxes in polycarbonate

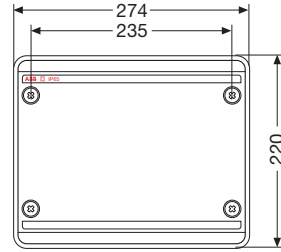
### Front view



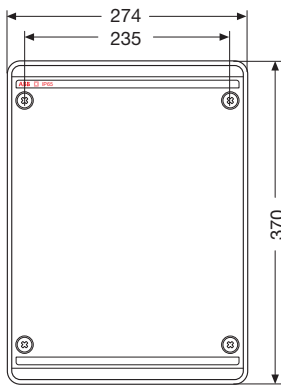
12 804



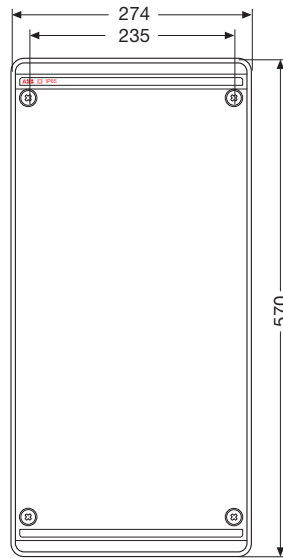
12 808



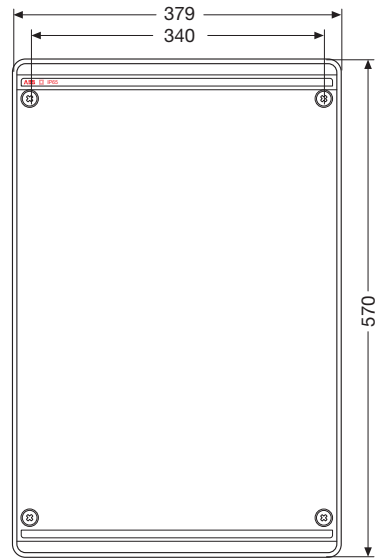
12 812



12 814

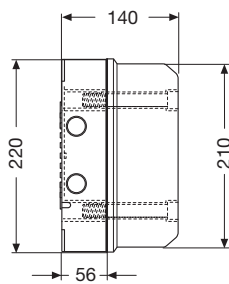


12 816

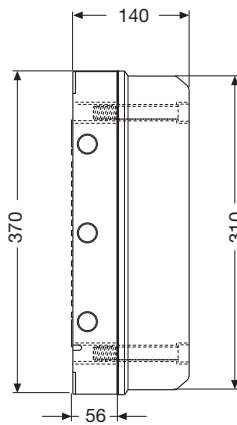


12 818

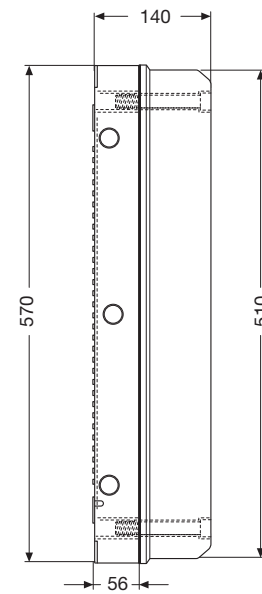
### Side view



12 804 - 12 808 - 12 812



12 814



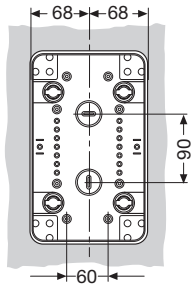
12 816 - 12 818

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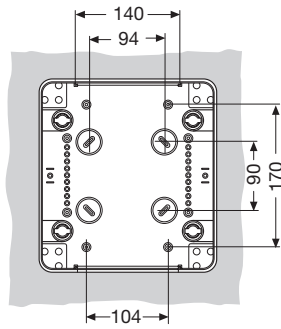
# Overall dimensions

## IP 65 junction boxes in polycarbonate

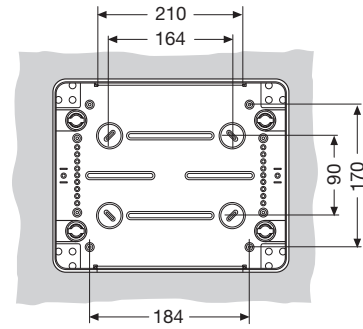
### Drilling sheet



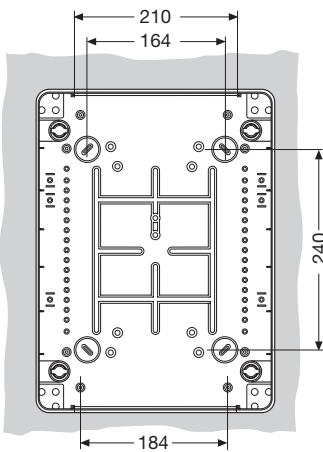
12 804



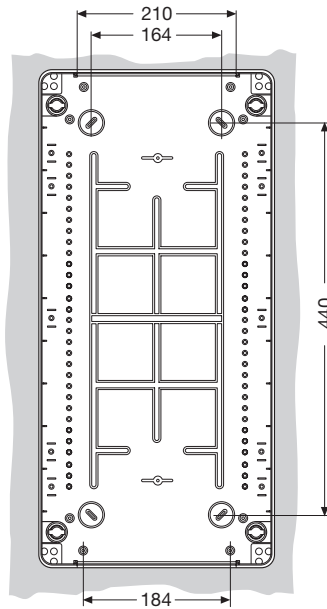
12 808



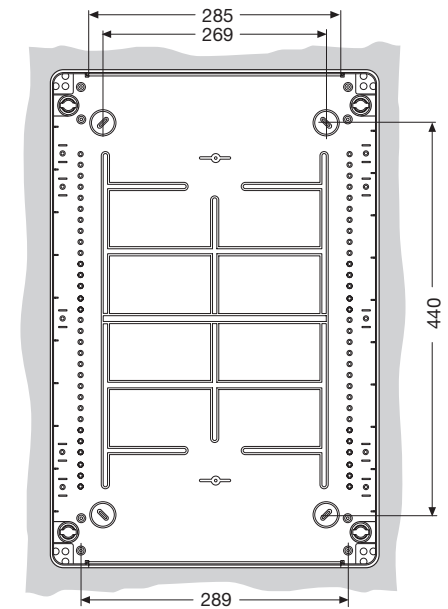
12 812



12 814



12 816



12 818