



# AKL Series

AKL Enclosures are very similar to their door bearing cousins, the AKII. The main feature that differentiates this family from the AKII is the configuration of the covers and bases.

The AKL Series, like the AKII Series, features aesthetically pleasing smooth exterior walls. Knockout patterns are on the inside, with identical tops and bottoms.

The AKL Series offers larger sizes, ranging from 150x300x142 mm (5.91x11.81x5.59 in.) to 600x300x210 mm (23.62x11.81x8.27 in.). Some models feature low or high covers,

available in gray or tinted transparent. Standardized dimensions allow for joining multiple AKL Enclosures or combining AKII and AKL Enclosures with a common combination kit to create larger enclosure combinations.

As with the AKII, the AKL family features the same 150 mm (5.91 in.) center to center DIN rail spacing. The standard ingress protection level when using appropriate strain reliefs is IP65.

### Standard Features

- **Protection Level:** IP65
- **Technical:** Knockout Sidewalls  
Gray or Tinted Transparent Cover  
Multiple Enclosure Combination Options
- **Enclosure Material:** Polystyrene or Polycarbonate
- **Transparent Cover Material:** Polycarbonate
- **Gasket Material:** Polyurethane
- **Color:** Light Gray
- **Temperature Range:** Polystyrene  
-40°C to 70°C (-40°F to 158°F)  
Polycarbonate  
-35°C to 120°C (-31°F to 248°F)
- **Included Accessories:** (10) M20 Double Membrane Seals  
(2) M25 Double Membrane Seals  
(2) M32 Double Membrane Seals  
(1) M40 Entry Spout
- **Accessories:** See section below



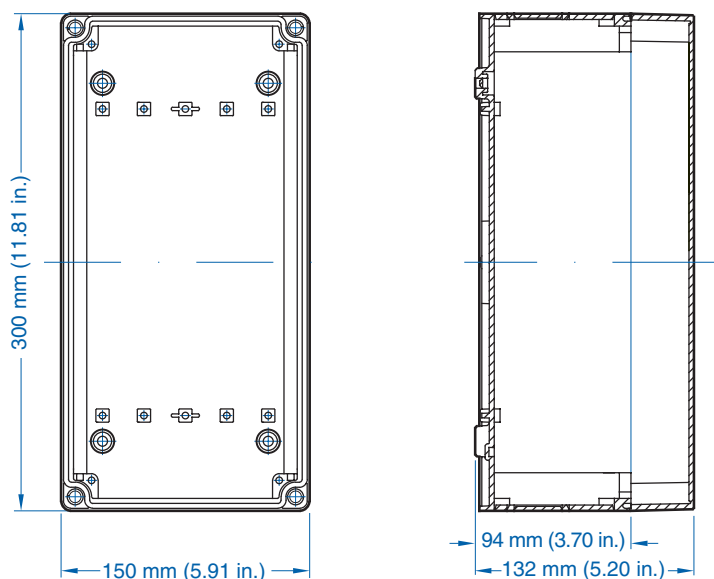
### AKL

| Ordering Information    | Cat. No. | Cover Type / Color | Length            | Dimensions mm (in)<br>Width | Height           | Std. Pk. |
|-------------------------|----------|--------------------|-------------------|-----------------------------|------------------|----------|
| <b>Polystyrene</b>      |          |                    |                   |                             |                  |          |
| Enclosure - low cover   | 740-401  | AKL 1-g / gray     | 150 mm (5.91 in.) | 300 mm (11.81 in.)          | 132 mm (5.20 in) | 1        |
| Transparent - low cover | 744-001  | AKL 1-t / trans.   | 150 mm (5.91 in.) | 300 mm (11.81 in.)          | 132 mm (5.20 in) | 1        |
| <b>Polycarbonate</b>    |          |                    |                   |                             |                  |          |
| Enclosure - low cover   | 741-401  | AKi 1-g / gray     | 150 mm (5.91 in.) | 300 mm (11.81 in.)          | 132 mm (5.20 in) | 1        |
| Transparent - low cover | 745-001  | AKi 1-t / trans.   | 150 mm (5.91 in.) | 300 mm (11.81 in.)          | 132 mm (5.20 in) | 1        |

### Accessories

| Ordering Information              | Cat. No. | Type       | Std. Pk. |
|-----------------------------------|----------|------------|----------|
| Mounting Plate – 240 x 112 mm     | 795-001  | MPI 1      | 1        |
| DIN Rail – 216 mm Surface Mounted | 562-035  | SMTS35/216 | 1        |
| Hinge Kit Set                     | 190-005  | HK2        | 1        |
| Mounting Tab Kit (metal)          | 793-004  | MT2        | 1        |

Please refer to pages 116-120 for additional accessories and detailed information



Please refer to page 126 for Knockout details.

## AKL2 – Polystyrene and Polycarbonate – 300x300mm (11.81x11.81in.)

### Standard Features

- **Protection Level:** IP65
- **Technical:** Knockout Sidewalls  
Gray or Tinted Transparent Cover  
Multiple Enclosure Combination Options
- **Enclosure Material:** Polystyrene or Polycarbonate
- **Transparent Cover Material:** Polycarbonate
- **Gasket Material:** Polyurethane
- **Color:** Light Gray
- **Temperature Range:** Polystyrene  
-40°C to 70°C (-40°F to 158°F)  
Polycarbonate  
-35°C to 120°C (-31°F to 248°F)
- **Included Accessories:** (10) M20 Double Membrane Seals  
(2) M25 Double Membrane Seals  
(2) M32 Double Membrane Seals  
(1) M40 Entry Spout
- **Accessories:** See section below



### AKL

| Ordering Information     | Cat. No. | Cover Type / Color | Length             | Dimensions mm (in)<br>Width | Height           | Std. Pk. |
|--------------------------|----------|--------------------|--------------------|-----------------------------|------------------|----------|
| Polystyrene              |          |                    |                    |                             |                  |          |
| Enclosure - low cover    | 740-402  | AKL 2-g / gray     | 300 mm (11.81 in.) | 300 mm (11.81 in.)          | 132 mm (5.20 in) | 1        |
| Enclosure - high cover   | 742-902  | AKL 2-gh / gray    | 300 mm (11.81 in.) | 300 mm (11.81 in.)          | 210 mm (8.27 in) | 1        |
| Transparent - low cover  | 744-002  | AKL 2-t / trans.   | 300 mm (11.81 in.) | 300 mm (11.81 in.)          | 132 mm (5.20 in) | 1        |
| Transparent - high cover | 746-902  | AKL 2-th / trans.  | 300 mm (11.81 in.) | 300 mm (11.81 in.)          | 210 mm (8.27 in) | 1        |

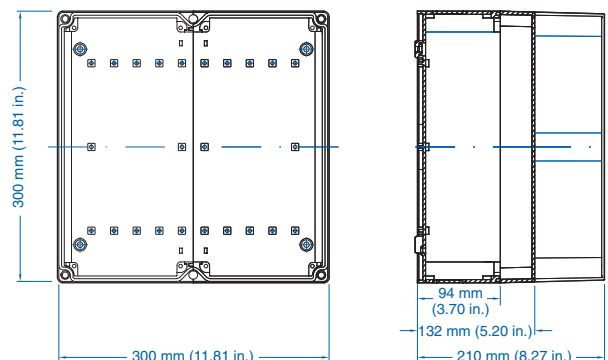
### Polycarbonate

|                          |         |                   |                    |                    |                  |   |
|--------------------------|---------|-------------------|--------------------|--------------------|------------------|---|
| Enclosure - low cover    | 741-402 | AKi 2-g / gray    | 300 mm (11.81 in.) | 300 mm (11.81 in.) | 132 mm (5.20 in) | 1 |
| Enclosure - high cover   | 743-902 | AKi 2-gh / gray   | 300 mm (11.81 in.) | 300 mm (11.81 in.) | 210 mm (8.27 in) | 1 |
| Transparent - low cover  | 745-002 | AKi 2-t / trans.  | 300 mm (11.81 in.) | 300 mm (11.81 in.) | 132 mm (5.20 in) | 1 |
| Transparent - high cover | 747-902 | AKi 2-th / trans. | 300 mm (11.81 in.) | 300 mm (11.81 in.) | 210 mm (8.27 in) | 1 |

### Accessories

| Ordering Information                    | Cat. No. | Type       | Std. Pk. |
|-----------------------------------------|----------|------------|----------|
| Mounting Plate (plastic) – 240 x 240 mm | 795-002  | MPI 2      | 1        |
| Mounting Plate (steel) – 240 x 240 mm   | 795-012  | MPS 2      | 1        |
| DIN Rail – 250 mm Clip-in               | 562-735  | CITS35/250 | 1        |
| DIN Rail – 216 mm Surface Mounted       | 562-035  | SMTS35/216 | 1        |
| Hinge Kit Set                           | 190-005  | HK2        | 1        |
| Mounting Tab Kit (metal)                | 793-004  | MT2        | 1        |

Please refer to pages 116-120 for additional accessories and detailed information.



Please refer to page 126 for Knockout details.

## Standard Features

- **Protection Level:** IP65
- **Technical:** Knockout Sidewalls  
Gray or Tinted Transparent Cover  
Multiple Enclosure Combination Options
- **Enclosure Material:** Polystyrene or Polycarbonate
- **Transparent Cover Material:** Polycarbonate
- **Gasket Material:** Polyurethane
- **Color:** Light Gray
- **Temperature Range:** Polystyrene  
-40°C to 70°C (-40°F to 158°F)  
Polycarbonate  
-35°C to 120°C (-31°F to 248°F)
- **Included Accessories:** (10) M20 Double Membrane Seals  
(2) M25 Double Membrane Seals  
(2) M32 Double Membrane Seals  
(1) M40 Entry Spout
- **Accessories:** See section below



## AKL

| Ordering Information     | Cat. No. | Cover Type / Color | Length             | Dimensions mm (in)<br>Width | Height           | Std. Pk. |
|--------------------------|----------|--------------------|--------------------|-----------------------------|------------------|----------|
| <b>Polystyrene</b>       |          |                    |                    |                             |                  |          |
| Enclosure - low cover    | 740-403  | AKL 3-g / gray     | 450 mm (17.72 in.) | 300 mm (11.81 in.)          | 132 mm (5.20 in) | 1        |
| Enclosure - high cover   | 742-903  | AKL 3-gh / gray    | 450 mm (17.72 in.) | 300 mm (11.81 in.)          | 210 mm (8.27 in) | 1        |
| Transparent - low cover  | 744-003  | AKL 3-t / trans.   | 450 mm (17.72 in.) | 300 mm (11.81 in.)          | 132 mm (5.20 in) | 1        |
| Transparent - high cover | 746-903  | AKL 3-th / trans.  | 450 mm (17.72 in.) | 300 mm (11.81 in.)          | 210 mm (8.27 in) | 1        |

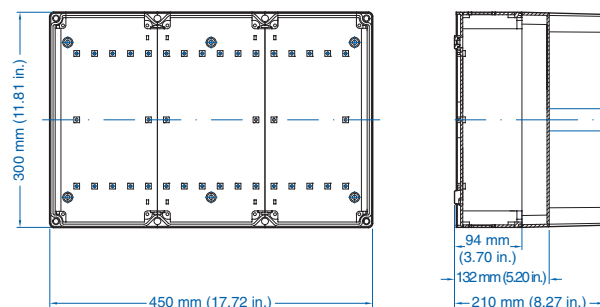
## Polycarbonate

|                          |         |                   |                    |                    |                  |   |
|--------------------------|---------|-------------------|--------------------|--------------------|------------------|---|
| Enclosure - low cover    | 741-403 | AKi 3-g / gray    | 450 mm (17.72 in.) | 300 mm (11.81 in.) | 132 mm (5.20 in) | 1 |
| Enclosure - high cover   | 743-903 | AKi 3-gh / gray   | 450 mm (17.72 in.) | 300 mm (11.81 in.) | 210 mm (8.27 in) | 1 |
| Transparent - low cover  | 745-003 | AKi 3-t / trans.  | 450 mm (17.72 in.) | 300 mm (11.81 in.) | 132 mm (5.20 in) | 1 |
| Transparent - high cover | 747-903 | AKi 3-th / trans. | 450 mm (17.72 in.) | 300 mm (11.81 in.) | 210 mm (8.27 in) | 1 |

## Accessories

| Ordering Information                    | Cat. No. | Type       | Std. Pk. |
|-----------------------------------------|----------|------------|----------|
| Mounting Plate (plastic) – 240 x 390 mm | 795-003  | MPI 3      | 1        |
| Mounting Plate (steel) – 240 x 390 mm   | 795-013  | MPS 3      | 1        |
| DIN Rail – 250 mm Clip-in               | 562-735  | CITS35/250 | 1        |
| DIN Rail – 216 mm Surface Mounted       | 562-035  | SMTS35/216 | 1        |
| Hinge Kit Set                           | 190-005  | HK2        | 1        |
| Mounting Tab Kit (metal)                | 793-004  | MT2        | 1        |

Please refer to pages 116-120 for additional accessories and detailed information.



Please refer to page 126 for Knockout details.

## AKL4 – Polystyrene and Polycarbonate – 600x300mm (23.62x11.81in.)

### Standard Features

- **Protection Level:** IP65
- **Technical:** Knockout Sidewalls  
Gray or Tinted Transparent Cover  
Multiple Enclosure Combination Options
- **Enclosure Material:** Polystyrene or Polycarbonate
- **Transparent Cover Material:** Polycarbonate
- **Gasket Material:** Polyurethane
- **Color:** Light Gray
- **Temperature Range:** Polystyrene  
-40°C to 70°C (-40°F to 158°F)  
Polycarbonate  
-35°C to 120°C (-31°F to 248°F)
- **Included Accessories:** (10) M20 Double Membrane Seals  
(2) M25 Double Membrane Seals  
(2) M32 Double Membrane Seals  
(1) M40 Entry Spout
- **Accessories:** See section below



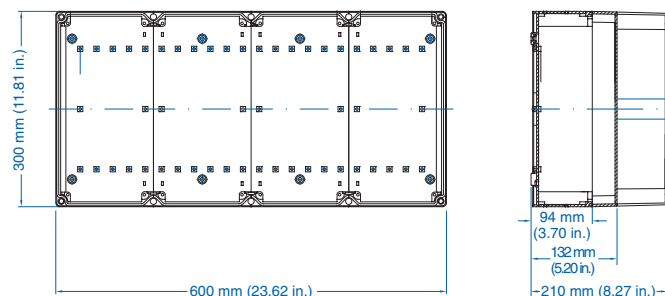
### AKL

| Ordering Information     | Cat. No. | Cover Type / Color | Length             | Dimensions mm (in)<br>Width | Height           | Std. Pk. |
|--------------------------|----------|--------------------|--------------------|-----------------------------|------------------|----------|
| <b>Polystyrene</b>       |          |                    |                    |                             |                  |          |
| Enclosure - low cover    | 740-404  | AKL 4-g / gray     | 600 mm (23.62 in.) | 300 mm (11.81 in.)          | 132 mm (5.20 in) | 1        |
| Enclosure - high cover   | 742-904  | AKL 4-gh / gray    | 600 mm (23.62 in.) | 300 mm (11.81 in.)          | 210 mm (8.27 in) | 1        |
| Transparent - low cover  | 744-004  | AKL 4-t / trans.   | 600 mm (23.62 in.) | 300 mm (11.81 in.)          | 132 mm (5.20 in) | 1        |
| Transparent - high cover | 746-904  | AKL 4-th / trans.  | 600 mm (23.62 in.) | 300 mm (11.81 in.)          | 210 mm (8.27 in) | 1        |
| <b>Polycarbonate</b>     |          |                    |                    |                             |                  |          |
| Enclosure - low cover    | 741-404  | AKi 4-g / gray     | 600 mm (23.62 in.) | 300 mm (11.81 in.)          | 132 mm (5.20 in) | 1        |
| Enclosure - high cover   | 743-904  | AKi 4-gh / gray    | 600 mm (23.62 in.) | 300 mm (11.81 in.)          | 210 mm (8.27 in) | 1        |
| Transparent - low cover  | 745-004  | AKi 4-t / trans.   | 600 mm (23.62 in.) | 300 mm (11.81 in.)          | 132 mm (5.20 in) | 1        |
| Transparent - high cover | 747-904  | AKi 4-th / trans.  | 600 mm (23.62 in.) | 300 mm (11.81 in.)          | 210 mm (8.27 in) | 1        |

### Accessories

| Ordering Information                    | Cat. No. | Type       | Std. Pk. |
|-----------------------------------------|----------|------------|----------|
| Mounting Plate (plastic) – 240 x 540 mm | 795-004  | MPI 4      | 1        |
| Mounting Plate (steel) – 240 x 540 mm   | 795-014  | MPS 4      | 1        |
| DIN Rail – 250 mm Clip-in               | 562-735  | CITS35/250 | 1        |
| DIN Rail – 216 mm Surface Mounted       | 562-035  | SMTS35/216 | 1        |
| Hinge Kit Set                           | 190-005  | HK2        | 1        |
| Mounting Tab Kit (metal)                | 793-004  | MT2        | 1        |

Please refer to pages 116-120 for additional accessories and detailed information.



Please refer to page 126 for Knockout details.