



The image has the only illustrative purpose and it is purely indicative, it may not fully reflect the product configuration.

## Junction box UP 4 ways IK09 D7-13.5 IP66/IP68/IP69

Code: **THA.K209.A0AU**



Potential improvements of the product and modifications of the technical data contained in this document can be made without notice.

### GENERAL INFORMATION

|                         |                                                                       |
|-------------------------|-----------------------------------------------------------------------|
| Type of installation    | Joint connector (re-usable/re-accessible)                             |
| Product configuration   | Junction box (empty)                                                  |
|                         | <i>*Cable accessories and terminal block to be ordered separately</i> |
| Colour                  | Black (Plastic components) - Techno green (Rubber components)         |
| Overall dimensions (mm) | 122.0 x 65 x 44.5                                                     |
| Inner dimensions (mm)   | 53.0 x 42.5 x 37.0                                                    |

## ELECTRIC DATA

|                      |   |
|----------------------|---|
| No. connected cables | 4 |
|----------------------|---|

## CONNECTION DATA

|                                         |       |
|-----------------------------------------|-------|
| Main cable sheath stripping length (mm) | 30.00 |
|-----------------------------------------|-------|

|                                           |       |
|-------------------------------------------|-------|
| Branch cable sheath stripping length (mm) | 30.00 |
|-------------------------------------------|-------|

|                         |      |
|-------------------------|------|
| Cable diameter MIN (mm) | 7.00 |
|-------------------------|------|

|                         |       |
|-------------------------|-------|
| Cable diameter MAX (mm) | 13.50 |
|-------------------------|-------|

|                                      |        |
|--------------------------------------|--------|
| Tightening torque of nut-cable gland | 2.5 Nm |
|--------------------------------------|--------|

|                                        |        |
|----------------------------------------|--------|
| Tightening torque of Lid/Fixing screws | 1.0 Nm |
|----------------------------------------|--------|

## ENVIRONMENT CONDITIONS

|           |                  |
|-----------|------------------|
| IP rating | IP66, IP68, IP69 |
|-----------|------------------|

|           |      |
|-----------|------|
| IK rating | IK09 |
|-----------|------|

|           |                                    |
|-----------|------------------------------------|
| Salt Mist | Salt mist test : EN60068-2-11:2000 |
|-----------|------------------------------------|

|                                                                    |              |
|--------------------------------------------------------------------|--------------|
| Ambient temperature MIN/MAX (According to EN61984/EN60998/EN62444) | -40°C/+106°C |
|--------------------------------------------------------------------|--------------|

|                           |        |
|---------------------------|--------|
| Operating temperature MAX | +100°C |
|---------------------------|--------|

## MATERIALS

|               |               |
|---------------|---------------|
| Exterior body | PC/ABS UL94V0 |
|---------------|---------------|

|         |          |
|---------|----------|
| O Rings | Silicone |
|---------|----------|

|         |          |
|---------|----------|
| Gaskets | Silicone |
|---------|----------|

|                   |              |
|-------------------|--------------|
| Material property | Halogen Free |
|-------------------|--------------|

|                   |                 |
|-------------------|-----------------|
| Lid/Fixing screws | Stainless steel |
|-------------------|-----------------|

## COMMERCIAL DATA

|                |                     |
|----------------|---------------------|
| Packing method | Bulk packed ( OEM ) |
|----------------|---------------------|

|                   |     |
|-------------------|-----|
| Type of packaging | Box |
|-------------------|-----|

|                  |    |
|------------------|----|
| Pieces/box (pcs) | 50 |
|------------------|----|

|                       |       |
|-----------------------|-------|
| Weight per Piece (gr) | 82.63 |
|-----------------------|-------|

|                                |                 |
|--------------------------------|-----------------|
| Overall dimensions of box (mm) | 400 x 400 x 230 |
|--------------------------------|-----------------|

|                      |          |
|----------------------|----------|
| Custom tariff number | 85369010 |
|----------------------|----------|

|                   |       |
|-------------------|-------|
| Country of origin | ITALY |
|-------------------|-------|

DRAWINGS

Drawings:

| File                                                                                                                | Type | Size      |
|---------------------------------------------------------------------------------------------------------------------|------|-----------|
|  <a href="#">THA.K209.A0AU.pdf</a> | PDF  | 426.71 KB |

CAD FILES

Please login to access this data.