

# ME 45 UTM G GY - Intermediate element



2713405

<https://www.phoenixcontact.com/us/products/2713405>

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Intermediate element, Intermediate element, for modular extension of the housing volume, tall design, without vents, width: 22.6 mm, height: 99 mm, depth: 74 mm, color: gray (similar RAL 7042), cross connection: without bus connector, number of positions cross connector: not relevant

## Your advantages

- Tool-free mounting
- Available in overall widths from 12.5 mm ... 90 mm, modular extension is possible
- Flammability rating V0 in accordance with UL 94
- Variety of connection technology
- Can be mounted on the DIN rail
- With integrated or DIN-rail-mountable bus connector as an option

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2713405                        |
| Packing unit                         | 10 pc                          |
| Minimum order quantity               | 10 pc                          |
| Note                                 | Made to order (non-returnable) |
| Product key                          | ACHAAZ                         |
| GTIN                                 | 4017918910419                  |
| Weight per piece (including packing) | 20.65 g                        |
| Weight per piece (excluding packing) | 14.551 g                       |
| Country of origin                    | DE                             |

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## Technical data

### Product properties

|                              |                               |
|------------------------------|-------------------------------|
| Product type                 | Component housing center part |
| Housing type                 | Intermediate element          |
| Housing series               | ME                            |
| Number of positions          | 999                           |
| Ventilation openings present | no                            |

### Dimensions

|  |         |
|--|---------|
| Width  | 22.6 mm |
| Height   | 99 mm   |
| Depth  | 74 mm   |
| Depth from top edge of DIN rail                                | 68.5 mm |
| Depth from top edge of DIN rail to support point on upper part | 68.5 mm |

### PCB design

|               |                   |
|---------------|-------------------|
| PCB thickness | 1.4 mm ... 1.8 mm |
|---------------|-------------------|

### Material specifications

|  |                 |
|--|-----------------|
| Color                                  | gray (RAL 7042) |
| Flammability rating according to UL 94 | V0              |
| CTI according to IEC 60112             | 600             |
| Housing material                       | PA              |

### Environmental and real-life conditions

#### Power dissipation single housing for 20 °C

|                     |          |
|---------------------|----------|
| Ambient temperature | 20 °C    |
| Reduction factor    | 1        |
| Mounting position   | vertical |
| Power dissipation   | 7.6 W    |

#### Power dissipation single housing for 30 °C

|                     |          |
|---------------------|----------|
| Ambient temperature | 30 °C    |
| Reduction factor    | 0.91     |
| Mounting position   | vertical |
| Power dissipation   | 6.9 W    |

#### Power dissipation single housing for 40 °C

|                     |          |
|---------------------|----------|
| Ambient temperature | 40 °C    |
| Reduction factor    | 0.81     |
| Mounting position   | vertical |
| Power dissipation   | 6.1 W    |

#### Power dissipation single housing for 50 °C

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|                     |          |
|---------------------|----------|
| Ambient temperature | 50 °C    |
| Reduction factor    | 0.7      |
| Mounting position   | vertical |
| Power dissipation   | 5.3 W    |

## Power dissipation single housing for 60 °C

|                     |          |
|---------------------|----------|
| Ambient temperature | 60 °C    |
| Reduction factor    | 0.57     |
| Mounting position   | vertical |
| Power dissipation   | 4.3 W    |

## Power dissipation single housing for 70 °C

|                     |          |
|---------------------|----------|
| Ambient temperature | 70 °C    |
| Reduction factor    | 0.49     |
| Mounting position   | vertical |
| Power dissipation   | 3.7 W    |

## Ambient conditions

|   |  |
|---|--|
| Max. IP code to attain                  | IP20   |
| Ambient temperature (operation)         | -40 °C ... 105 °C (depending on power dissipation) |
| Ambient temperature (storage/transport) | -40 °C ... 55 °C                                   |
| Ambient temperature (assembly)          | -5 °C ... 100 °C                                   |
| Relative humidity (storage/transport)   | 80 %   |

## PCB data

|                       |   |
|-----------------------|---|
| Number of PCB holders | 2   |
| Type of PCB mount     | Insertion (optional latching by PCB stop) |
| Thickness of the PCB  | 1.4 mm ... 1.8 mm                         |

## Mounting

|               |                   |
|---------------|-------------------|
| Mounting type | DIN rail mounting |
|---------------|-------------------|

## Packaging specifications

|                      |                     |
|----------------------|---------------------|
| Type of packaging    | packed in cardboard |
| Outer packaging type | Carton              |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-15.0 | 27190605 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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