

# ME 45 UTM G KMGY - Intermediate element



2901181

<https://www.phoenixcontact.com/us/products/2901181>

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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: light gray (similar RAL 7035), cross connection: without bus connector

## 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	2901181
Packing unit	10 pc
Minimum order quantity	100 pc
Note	Made to order (non-returnable)
Product key	ACHAAZ
GTIN	4046356134217
Weight per piece (including packing)	20.53 g
Weight per piece (excluding packing)	14.431 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
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### Material specifications

Color (Housing)	light gray (RAL 7035)
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
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## 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
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### 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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