

# ME-IO-S 24 COUPLER 100 7035 - Electronics housing



1569887

<https://www.phoenixcontact.com/us/products/1569887>

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DIN rail housing, Coupler housing, with vents, width: 24 mm, height: 100 mm, depth: 80 mm, color: light gray (similar RAL 7035), cross connection: Bus connector (optional), number of positions cross connector: 8

## Your advantages

- Simple module assembly with 2 side panels and 1 DIN rail fixing lever
- Ideal for price-sensitive applications thanks to the simple design and predefined module layout
- Features a space-saving status indicator

## Commercial data

Item number	1569887
Packing unit	30 pc
Minimum order quantity	30 pc
Sales key	AC15
Product key	ACHEBF
GTIN	4067923057586
Weight per piece (including packing)	46.2 g
Weight per piece (excluding packing)	44 g
Customs tariff number	84879090
Country of origin	CN

1569887

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## Technical data

### Notes

Recommendation	Further information and detailed dimensions are available in the download area.
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### Product properties

Product type	Complete housing
Housing type	DIN rail housing
Housing type	Multifunctional housings
Housing series	ME-IO-S
Product family	ME-IO-S..
Max. number of positions	6 (pitch: 5.08 mm)
Ventilation openings present	yes

### Dimensions

Width	24 mm
Height	100 mm
Depth	80 mm

### PCB design

PCB thickness	1.1 mm ... 1.3 mm
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### Material specifications

Color (Housing)	light gray (RAL 7035)
Color (Base latch)	deep orange (RAL 2011)
Material Housing	PC
Material Base latch	POM
Flammability rating according to UL 94	V0

### Environmental and real-life conditions

#### Vibration test

Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.15 mm (10 Hz ... 58.1 Hz)
Acceleration	2g (58.1 Hz ... 150 Hz)
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

#### Glow-wire test

Specification	IEC 60695-2-11:2021-10
Temperature	650 °C
Time of exposure	30 s

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## Needle-flame test

Specification	IEC 60695-11-5:2016-12
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## Thermal stability / ball thrust test

Specification	IEC 60695-10-2:2014-02
Temperature	125 °C
Test duration	1 h
Force	20 N

## Shocks

Specification	IEC 60068-2-27:2008-02
Pulse shape	Semi-sinusoidal
Acceleration	15g
Shock duration	11 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)

## Degree of protection (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
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## 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 ... 70 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Relative humidity (storage/transport)	95 %

## PCB data

Number of PCB holders	1
Type of PCB mount	Latching
Thickness of the PCB	1.1 mm ... 1.3 mm

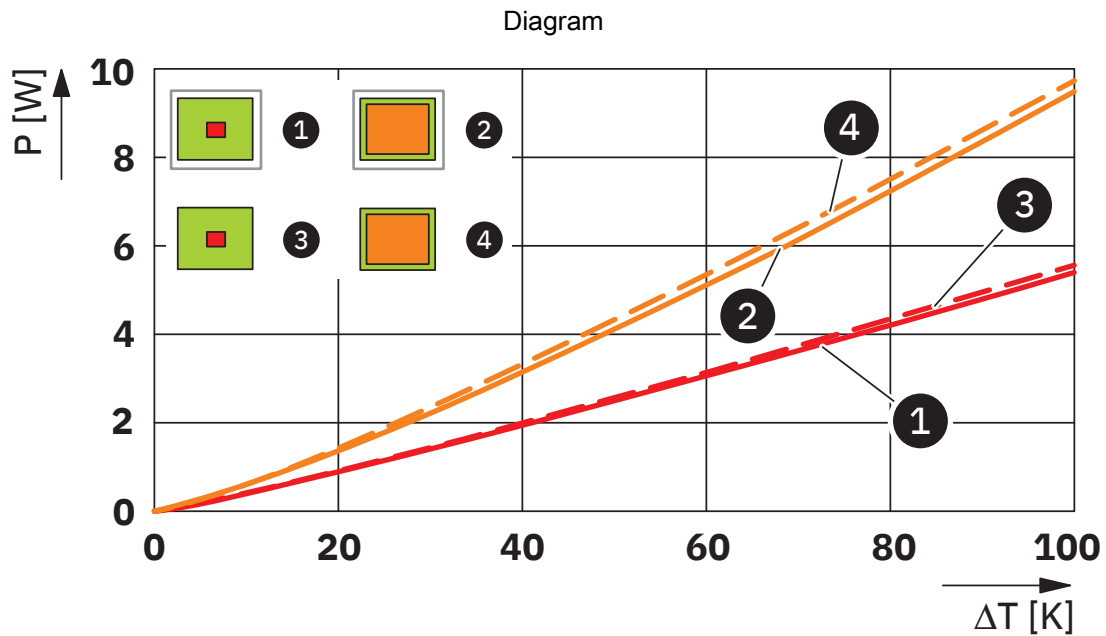
## Mounting

Mounting type	DIN rail mounting
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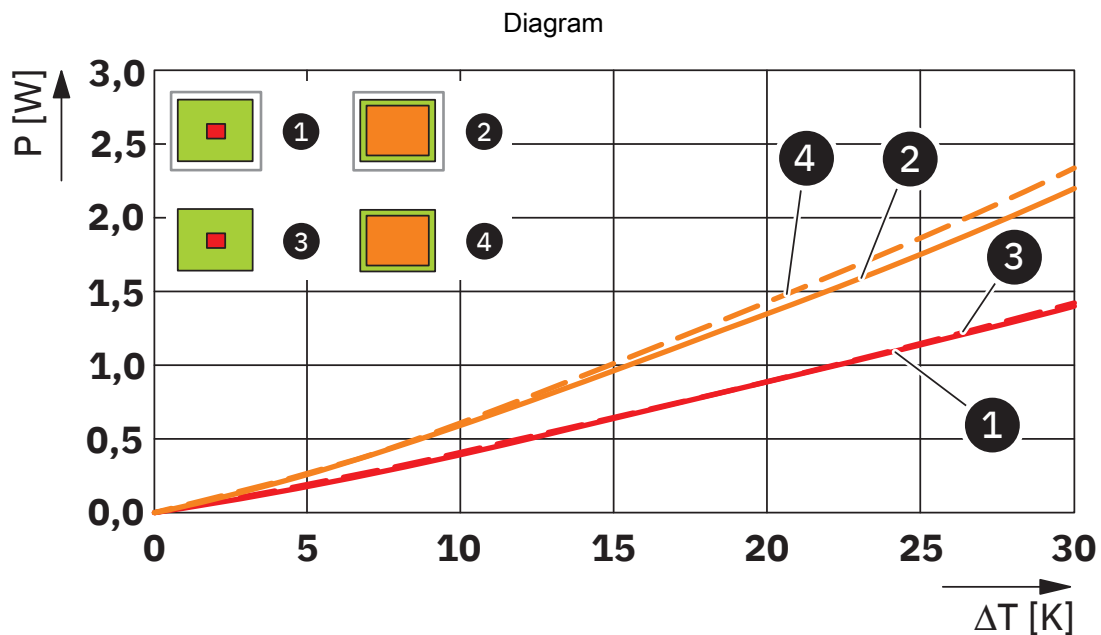
## Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

Drawings



Power dissipation diagram for 0 K ... 100 K



Power dissipation diagram for 0 K ... 30 K

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1569887>



**UL Recognized**

Approval ID: E240868

1569887

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## Classifications

### ECLASS

ECLASS-13.0	27190101
ECLASS-15.0	27190101

### ETIM

ETIM 10.0	EC001031
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### UNSPSC

UNSPSC 21.0	31261500
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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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)