

## Interface module - UM-EC28-R - 2956709

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Interface module, connection 1: Screw connection, connection 2: ELCO connector 1x 28-position (Pin strip, Type 8027, right)



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 085926
GTIN	4017918085926
Weight per Piece (excluding packing)	305.120 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Note

Type of note	Notes on operation
Note	Against adjacent modules in the support rail direction at least one functional insulation on the output-side is complied with. If the application has higher requirements on the insulation (basic insulation or reinforced insulation), then these must be realized through suitable measures (e. g. partition plates).

#### Dimensions

Width	110.5 mm
Height	112 mm
Depth	56 mm

#### Ambient conditions

# Interface module - UM-EC28-R - 2956709

## Technical data

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Maximum altitude	≤ 2000 m
Degree of protection	IP20
	≥ IP54 (Installation location)

### General

Max. permissible operating voltage	250 V AC/DC
Max. permissible current	3 A (per path)
Max. permissible total current	84 A
Number of positions	28
Status display	No
Mounting position	any
Assembly instructions	In rows with zero spacing

### Connection data

Connection name	Field level
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12

### Connection data 2

Connection name	Controller level
Connection method	ELCO connector
Type	8027 series
Coding	1-1
Number of connections	1
Number of positions	28
Note	Pin strip, Type 8027, right

### Standards and Regulations

Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178
Rated insulation voltage	260 V
Rated surge voltage	2.3 kV
Insulation	Functional insulation

## Interface module - UM-EC28-R - 2956709

### Technical data

#### Standards and Regulations

Pollution degree	2
Overvoltage category	II

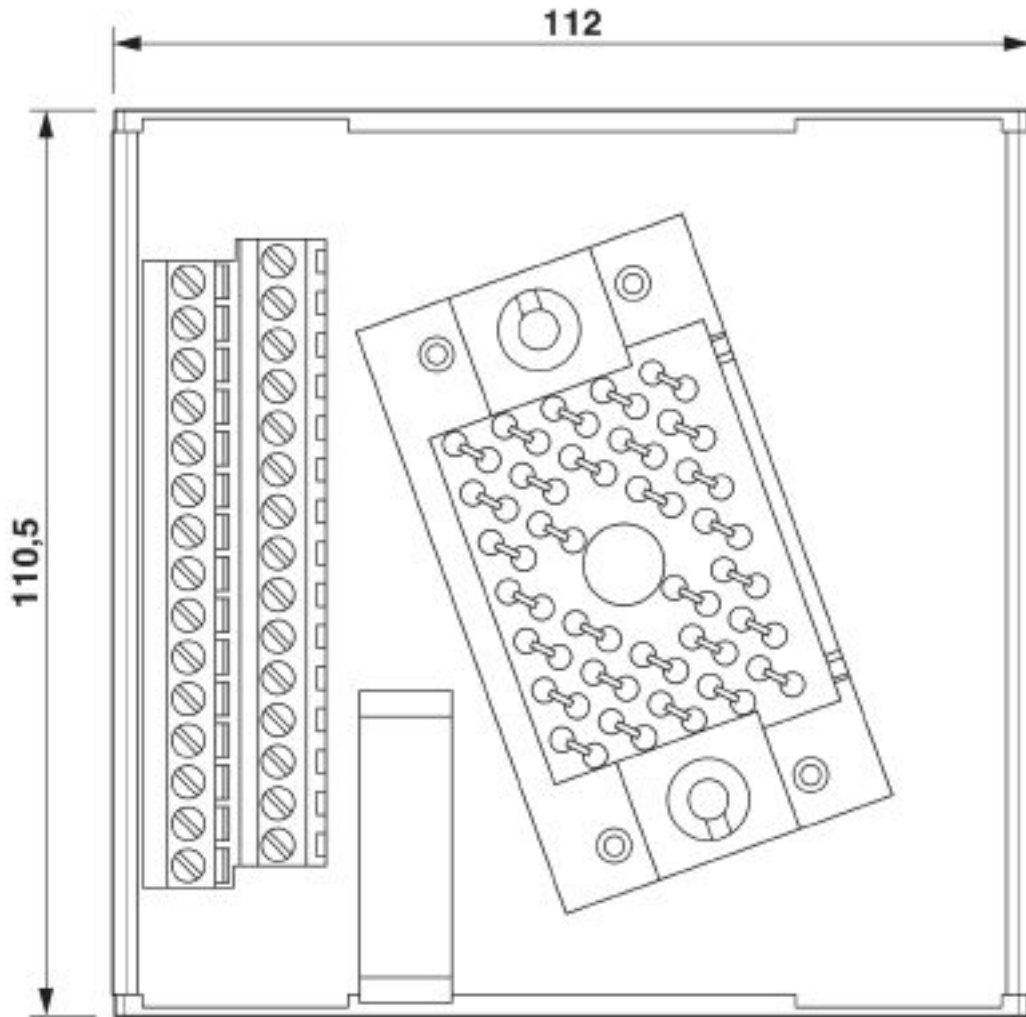
#### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

# Interface module - UM-EC28-R - 2956709

Dimensional drawing



## Classifications

eCl@ss

eCl@ss 10.0.1	27141152
eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27250300
eCl@ss 5.1	27250300
eCl@ss 6.0	27242600
eCl@ss 7.0	27141152

## Interface module - UM-EC28-R - 2956709

### Classifications

#### eCl@ss

eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

#### ETIM

ETIM 4.0	EC002780
ETIM 5.0	EC002780
ETIM 6.0	EC002780
ETIM 7.0	EC002780

#### UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121432
UNSPSC 18.0	39121432
UNSPSC 19.0	39121432
UNSPSC 20.0	39121432
UNSPSC 21.0	39121432

### Approvals

#### Approvals

---

#### Approvals

#### EAC

---

#### Ex Approvals

---

#### Approval details

EAC		RU C- DE.A*30.B.01742
-----	---	--------------------------