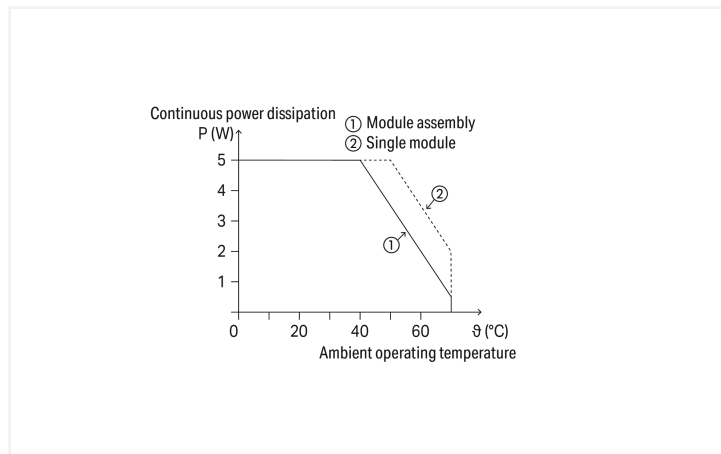


# Data Sheet | Item Number: 289-128/003-000

Component module with resistor; with 1 pcs; Resistor 6K8; 5 Watt; in mounting carrier

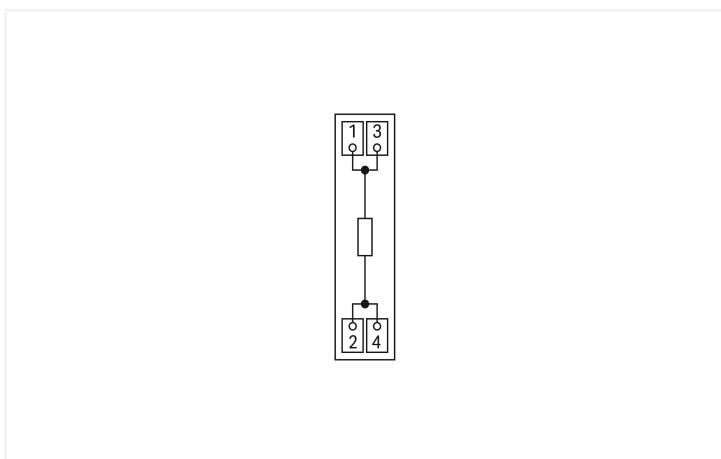
<https://www.wago.com/289-128/003-000>



Color: ■ gray

Picture shows 289-128/003-000

Current-carrying capacity curve



## Notes

Safety Information

Depending on operating conditions, the components' temperature may exceed the limit temperature for accessible parts.

Safety information 2

**Notice!** Accessible live parts! Protection against accidental contact must be provided by the system installer, e.g., using a WAGO 709 Series Cover (see "Accessories") or a similar cover. The installation guidelines must be followed for each specific application.

Note

Other resistors are available upon request!

### Electrical data

Resistor	6K8
Tolerance	±10 %
Temperature coefficient	50 ppm (20 °C)
Component rated dissipation (P70)	5 W

### Safety and protection

Protection type	IP00
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### Connection Data

Note (conductor cross-section)	12 AWG: THHN, THWN	<b>Connection 1</b>	
		Connection technology	CAGE CLAMP®
		WAGO connector	WAGO 236 Series
		Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
		Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
		Strip length	5 ... 6 mm / 0.2 ... 0.24 inches

### Physical data

Width	13 mm / 0.512 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	34 mm / 1.339 inches

### Mechanical data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

### Material data

Color	gray
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.304 MJ
Weight	19.3 g

### Environmental requirements

Ambient temperature (operation)	-20 ... +70 °C (derating must be observed)
Ambient temperature (storage)	-40 ... +70 °C

### Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	18 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454468361
Customs tariff number	85369010000

Product Classification	
UNSPSC	32121705
eCl@ss 10.0	27-14-11-27
eCl@ss 9.0	27-14-11-49
ETIM 9.0	EC000903
ETIM 10.0	EC000903
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

## Downloads

### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 289-128/003-000	<a href="#">↓</a>

## Documentation

Bid Text			
289-128/003-000	19.02.2019	xml 3.40 KB	<a href="#">↓</a>
289-128/003-000	11.02.2015	doc 25.00 KB	<a href="#">↓</a>

Instruction Leaflet			
Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	<a href="#">↓</a>

## CAD/CAE-Data

CAD data	
2D/3D Models 289-128/003-000	<a href="#">↓</a>

CAE data	
EPLAN Data Portal 289-128/003-000	<a href="#">↓</a>
WSCAD Universe 289-128/003-000	<a href="#">↓</a>
ZUKEN Portal 289-128/003-000	<a href="#">↓</a>

**1 Compatible Products**

**1.1 Optional Accessories**

**1.1.1 Ferrule**

**1.1.1.1 Ferrule**



**Item No.: 216-301**  
 Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow



**Item No.: 216-321**  
 Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow



**Item No.: 216-302**  
 Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise



**Item No.: 216-322**  
 Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise



**Item No.: 216-201**  
 Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 4/09.90; white



**Item No.: 216-241**  
 Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white



**Item No.: 216-221**  
 Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white



**Item No.: 216-242**  
 Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



**Item No.: 216-262**  
 Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



**Item No.: 216-202**  
 Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray



**Item No.: 216-222**  
 Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray



**Item No.: 216-243**  
 Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



**Item No.: 216-263**  
 Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



**Item No.: 216-203**  
 Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red



**Item No.: 216-223**  
 Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red



**Item No.: 216-204**  
 Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black



**Item No.: 216-224**  
 Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black



**Item No.: 216-244**  
 Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



**Item No.: 216-264**  
 Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



**Item No.: 216-284**  
 Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

**1.1.2 Installation**

**1.1.2.1 Cover**



**Item No.: 709-153**  
 Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

**1.1.2.2 Cover carrier**



**Item No.: 709-167**  
 Cover carrier; Type 1; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

### 1.1.3 Marking

#### 1.1.3.1 Marking strip



**Item No.: 709-196**

Marking strips; for laser printer; translucent



**Item No.: 210-831**

Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white



**Item No.: 210-832**

Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white



**Item No.: 709-177**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



**Item No.: 709-178**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

### 1.1.4 Tool

#### 1.1.4.1 Operating tool



**Item No.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured