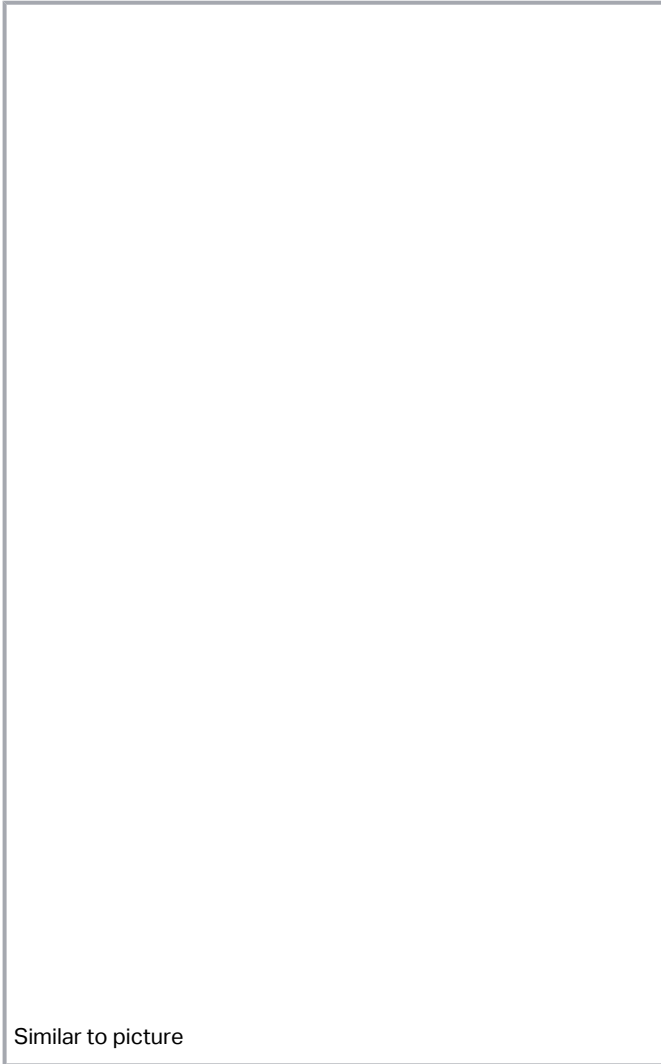


**Data sheet | Item number: 788-150**

Basic relay; Nominal input voltage: 12 VDC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm



[www.wago.com/788-150](http://www.wago.com/788-150)

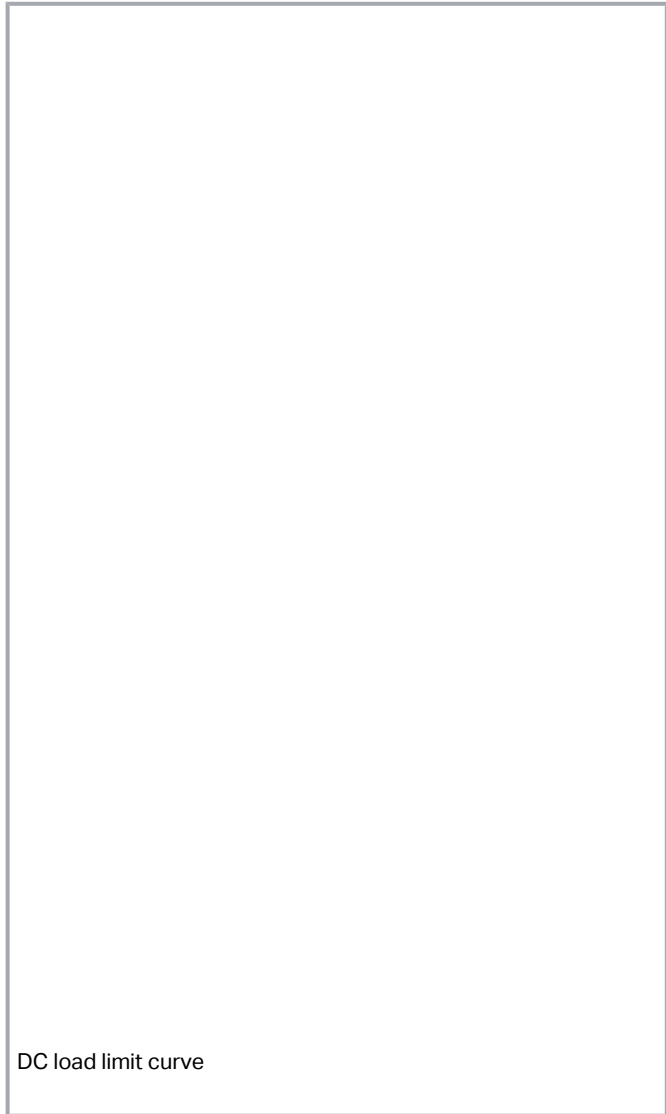


Similar to picture

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## Data

### Technical data

### Control Circuit

|                             |         |
|-----------------------------|---------|
| Nominal input voltage $U_N$ | DC 12 V |
|-----------------------------|---------|

|                                |       |
|--------------------------------|-------|
| Nominal input current at $U_N$ | 34 mA |
|--------------------------------|-------|

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## Load circuit

|  |  |
|--|--|
| Number of changeover/switchover contacts     | 1  |
| Contact material (relay)                     | AgNi 90/10                                   |
| Limiting continuous current                  | 16 A   |
| Inrush current (resistive) max.              | (AC) 30 A / 4 s                              |
| Switching voltage (max.)                     | AC 250 V                                     |
| Switching power (resistive) max.             | AC 4000 VA; DC (see load limit curve)        |
| Switching capacity                           | AC-15: 6 A / AC 250 V; DC-13: 2 A / DC 24 V  |
| Recommended minimum load                     | 12 V / 10 mA                                 |
| Pull-in time (typ.)                          | 8 ms   |
| Drop-out time (typ.)                         | 6 ms   |
| Bounce time (typ.)                           | 6 ms   |
| Electrical life (NO; resistive load; 23 °C)  | 30 x 10 <sup>3</sup> switching operations    |
| Mechanical life                              | 30 x 10 <sup>6</sup> switching operations    |
| Switching frequency with/without load (max.) | 6 min <sup>-1</sup> / 1200 min <sup>-1</sup> |

## Safety and protection

|  |         |
|--|---------|
| Dielectric strength (control/load circuit) (AC, 1 min) | 5 kVrms |
| Dielectric strength (open contact) (AC, 1 min)         | 1 kVrms |
| Protection type  | IP40    |

## Physical data

|                         |                        |
|-------------------------|------------------------|
| Width                   | 12.7 mm / 0.5 inches   |
| Height from the surface | 15.7 mm / 0.618 inches |
| Depth                   | 29 mm / 1.142 inches   |

## Mechanical data

|               |                  |
|---------------|------------------|
| Mounting type | Pluggable module |
|---------------|------------------|

## Material Data

|        |        |
|--------|--------|
| Weight | 13.1 g |
|--------|--------|

## Environmental requirements

|  |                |
|--|----------------|
| Ambient temperature (operation at U <sub>N</sub> ) | -40 ... +85 °C |
|--|----------------|

Subject to changes. Please also observe the further product documentation!



|                               |                |
|-------------------------------|----------------|
| Ambient temperature (storage) | -40 ... +85 °C |
|-------------------------------|----------------|

## Standards and specifications

|                          |            |
|--------------------------|------------|
| Standards/specifications | EN 61810-1 |
|--------------------------|------------|

## Commercial data

|                       |                          |
|-----------------------|--------------------------|
| Product Group         | 6 (INTERFACE ELECTRONIC) |
| eCl@ss 10.0           | 27-37-16-01              |
| eCl@ss 9.0            | 27-37-16-01              |
| ETIM 8.0              | EC001437                 |
| ETIM 7.0              | EC001437                 |
| Recupel Type          |                          |
| PU (SPU)              | 20 (1) pcs               |
| Packaging type        | box                      |
| Country of origin     | AT                       |
| GTIN                  | 4045454303778            |
| Customs tariff number | 85364900990              |

## Environmental Product Compliance

|                        |                         |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

## Optional accessories

### Sockets

|                      |
|----------------------|
| Socket without relay |
|----------------------|

|                          |  |
|--------------------------|--|
| <b>Item no.: 788-100</b> | <a href="http://www.wago.com/788-100">www.wago.com/788-100</a> |
|--------------------------|--|

|  |
|--|
| Relay socket; 1 changeover contact; for 15 mm basic relays; gray |
|--|

## Downloads

### Documentation

#### Bid Text

|                         |              |                 |          |
|-------------------------|--------------|-----------------|----------|
| 788-150<br>docx - Datei | 2019 年2月20 日 | docx<br>15.6 kB | Download |
| 788-150<br>X81 - Datei  | 2019 年2月19 日 | xml<br>3.6 kB   | Download |

## Additional Information

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|   |             |        |          |
|---|-------------|--------|----------|
| Disposal and Recycling                                    | V 1.1.0     | pdf    | Download |
| Electrical and electronic equipment, Batteries, Packaging | 2022 年8月18日 | 2.2 MB |          |

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## CAD/CAE-Data

### CAE data

|                        |     |          |
|------------------------|-----|----------|
| WSCAD Universe 788-150 | URL | Download |
|------------------------|-----|----------|

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### CAD data

|                      |     |          |
|----------------------|-----|----------|
| 2D/3D Models 788-150 | URL | Download |
|----------------------|-----|----------|

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## Environmental Product Compliance

### Compliance Search

|  |     |          |
|--|-----|----------|
| Environmental Product Compliance 788-150   | URL | Download |
| Basic relay; Nominal input voltage: 12 VDC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm |     |          |

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## Installation Notes

Subject to changes. Please also observe the further product documentation!