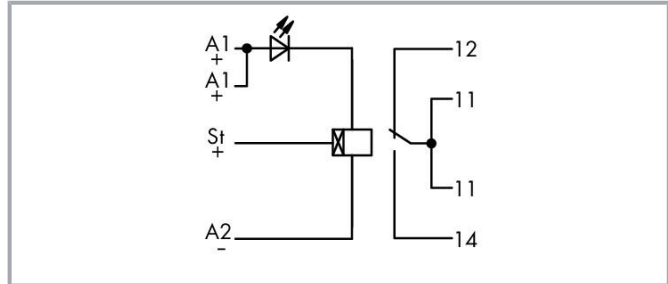
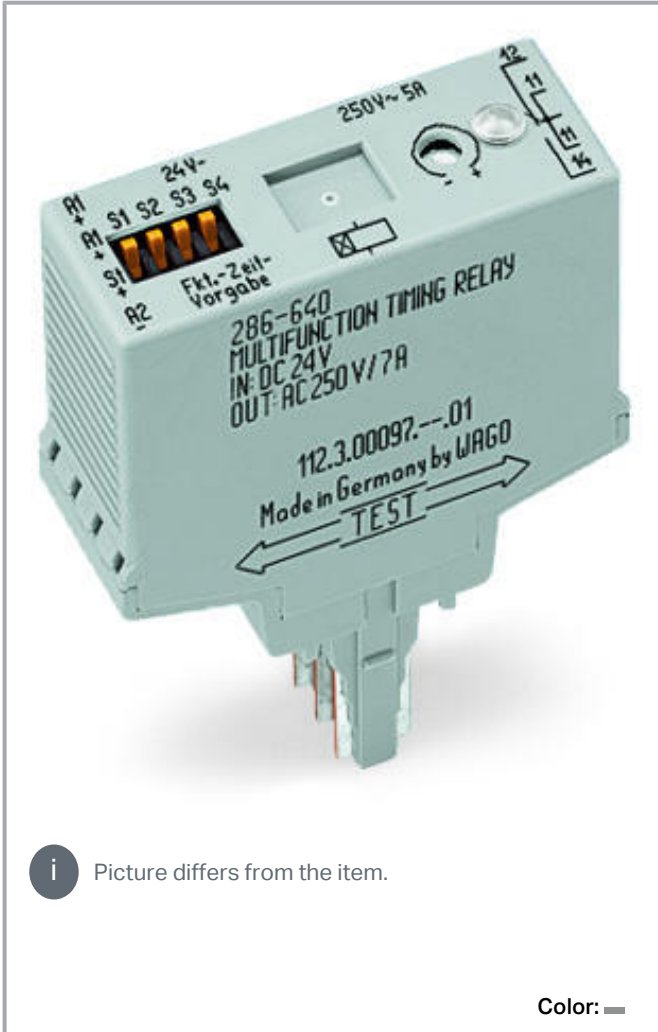


Data sheet | Item number: 286-640/004-000

Multifunction timing relay module; Relay with 1 changeover contact (1u); 4 time ranges; for railway operations; 4 functions; gray



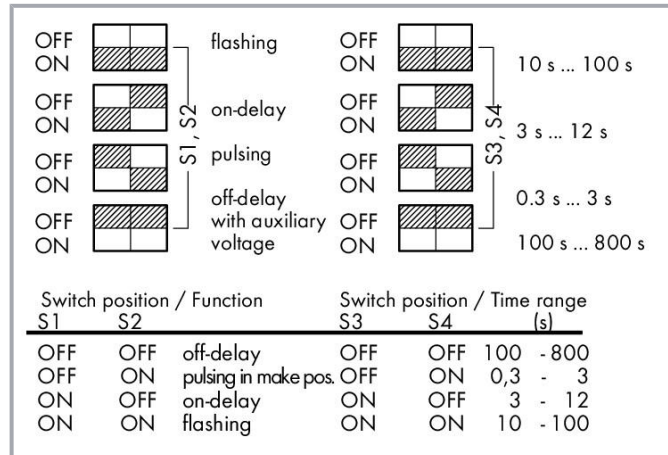
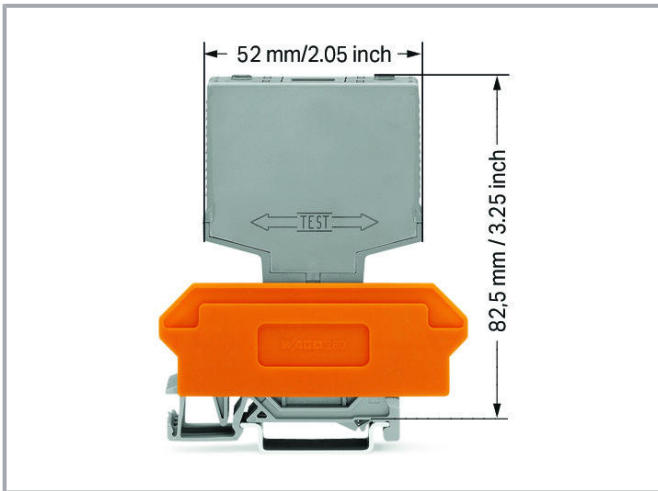
[www.wago.com/286-640/004-000](http://www.wago.com/286-640/004-000)



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

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## Item description

Finely adjusting time within these ranges can be made with the trimming potentiometer.

St+ is only connected with the function "off-delay with auxiliary voltage."

## Data

### Technical data

### Control circuit

Nominal input voltage $U_N$	DC 24 V
Input voltage range	-30 ... +25 %
Nominal input current at $U_N$	24 mA
Time range	0.3 ... 3 s; 3 ... 12 s; 10 ... 100 s; 100 ... 800 s
Reset time	100 ms
Repeat accuracy	1 %

### Load circuit

Number of changeover/switchover contacts	1
Contact material (relay)	AgNi + Au
Limiting continuous current	5 A
Inrush current (resistive) (max.)	(AC) 10 A / 4 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) (max.)	AC 1250 VA

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Bounce time (typ.)	2 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10 <sup>3</sup> switching operations
Mechanical life	15 x 10 <sup>6</sup> switching operations

### Safety and protection

Rated voltage	250 V
Rated surge voltage	4 kV
Pollution degree	2
Dielectric strength, control/load circuit (AC, 1 min)	3 kVrms
Protection type	IP20

### Physical data

Width	20 mm / 0.787 inch
Height from upper-edge of DIN-rail	82.5 mm / 3.25 inch
Depth	52 mm / 2.047 inch

### Mechanical data

Mounting type	Pluggable module for receptacle terminal blocks
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### Material data

Color	gray
Fire load	0.786 MJ
Weight	34.1 g

### Environmental requirements

Surrounding air temperature (operation at U <sub>N</sub> )	-25 ... 70 °C
Processing temperature	-25 ... +50 °C
Operating altitude (max.)	2000 m

### Standards and specifications

Standards/Specifications	EN 60664-1
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### Commercial data

Product Group	6 (Interface Electronics)
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Subject to changes. Please also observe the further product documentation!

PU (SPU)	10 (1) Each
Packaging type	box
Country of origin	DE
GTIN	4017332310635
Customs tariff number	85364900990

## Optional accessories

### Terminal blocks

Terminal block for pluggable modules



**Item no.: 280-628**

Terminal block for pluggable modules; 8-pole; with 4-conductor terminal blocks; with orange separator; [www.wago.com/280-628](http://www.wago.com/280-628) for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



**Item no.: 280-638**

Terminal block for pluggable modules; 8-pole; with 2-conductor terminal blocks; with orange separator; [www.wago.com/280-638](http://www.wago.com/280-638) for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



**Item no.: 280-764**

Terminal block for pluggable modules; 8-pole; with 4-conductor terminal blocks; with marker carrier; [www.wago.com/280-764](http://www.wago.com/280-764) with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

### Marking accessories

Marker



**Item no.: 209-701**

WSB marking card; as card; not stretchable; plain; snap-on type; white

[www.wago.com/209-701](http://www.wago.com/209-701)

## Downloads

### Documentation

#### Bid Text

286-640/004-000	2019. 2. 19.	xml	Download
X81 - Datei		4.6 kB	

286-640/004-000	2015. 3. 27.	doc	Download
doc - Datei		28.2 kB	

#### Instruction Leaflet

	pdf	Download
	1.3 MB	

#### Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf	Download
		265.8 kB	

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

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## CAD/CAE-Data

### CAD data

2D/3D Models 286-640/004-000	<a href="#">URL</a>	<a href="#">Download</a>
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### CAE data

WSCAD Universe 286-640/004-000	<a href="#">URL</a>	<a href="#">Download</a>
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ZUKEN Portal 286-640/004-000	<a href="#">URL</a>	<a href="#">Download</a>
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WSCAD Universe 286-640/004-000	<a href="#">URL</a>	<a href="#">Download</a>
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## Environmental Product Compliance

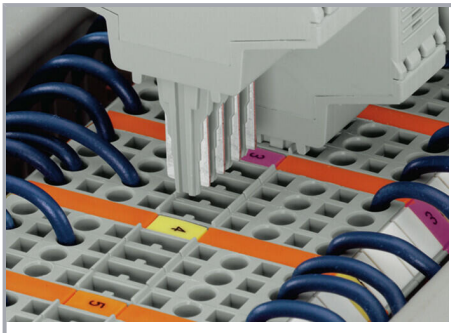
### Compliance Search

Environmental Product Compliance 286-640/004-000	<a href="#">URL</a>	<a href="#">Download</a>
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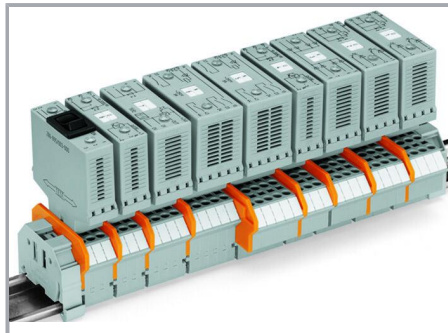
Multifunction timing relay module; Relay with 1 changeover contact (1u); 4 time ranges; for railway operations; 4 functions; gray

## Installation Notes

### Assembly



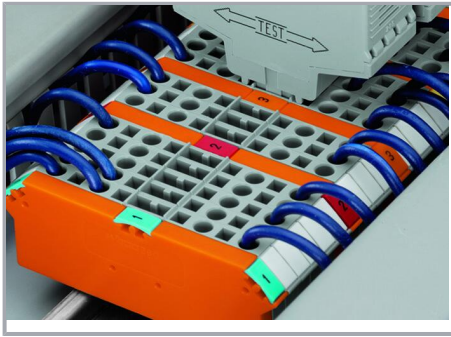
Coding ensures correct polarity.



Pluggable electronic modules on 2- or 4-conductor carrier terminal blocks

### Marking

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



Marking via WMB Multi Marking System.

### Testing



Function testing via touch-proof test slots

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