

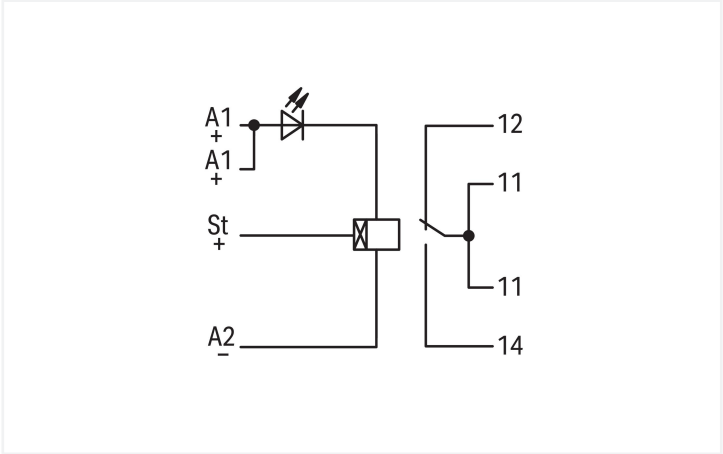
Data Sheet | Item Number: 286-640

Timer relay module; Nominal input voltage: 24 VDC; Limiting continuous current: 6 A; Railway; Multifunction/Multitime; Red status indicator; Module width: 20 mm; gray

<https://www.wago.com/286-640>

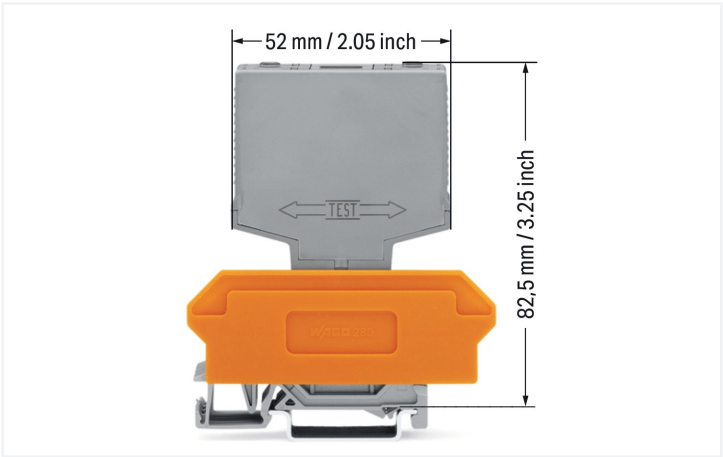


Color: ■ gray



OFF	ON	flashing	OFF	ON	10 s ... 100 s
OFF	ON	on-delay	OFF	ON	3 s ... 12 s
OFF	ON	pulsing	OFF	ON	0.3 s ... 3 s
OFF	ON	off-delay with auxiliary voltage	OFF	ON	100 s ... 800 s

Switch position / Function		Switch position / Time range		(s)
S1	S2	S3	S4	
OFF	OFF	OFF	OFF	100 - 800
OFF	ON	OFF	ON	0,3 - 3
ON	OFF	ON	OFF	3 - 12
ON	ON	ON	ON	10 - 100



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."

Technical data			
Control circuit		Load circuit	
Nominal input voltage U_N	DC 24 V	Number of changeover/switchover contacts	1
Nominal input current at U_N	24 mA	Contact material (relay)	AgNi + Au
Time range	0.3 ... 3 s; 3 ... 12 s; 10 ... 100 s; 100 ... 800 s	Limiting continuous current	5 A
Reset time	100 ms	Inrush current (resistive) max.	(AC) 10 A / 4 s
Repeat accuracy	1 %	Switching Voltage, Max.	AC 250 V
		Switching power (resistive) max.	AC 1250 VA
		Bounce time (typ.)	2 ms
		Electrical life (NO; resistive load; 23 °C)	100 x 10 ³ switching operations
		Mechanical life	15 x 10 ⁶ 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 inches
Height	52 mm / 2.047 inches
Depth from upper-edge of DIN-rail	82.5 mm / 3.25 inches
Note (dimensions)	Depth including carrier terminal block

Mechanical data	
Mounting type	Pluggable module for receptacle terminal blocks

Material data	
Note (material data)	Information on material specifications can be found here
Color	gray
Fire load	1.013 MJ
Weight	34.5 g

Environmental requirements	
Ambient temperature (operation at U _N)	-25 ... +40 °C
Processing temperature	-25 ... +50 °C
Operating altitude (max.)	2000 m

Standards and specifications	
Standards/specifications	EN 60664-1

Commercial data	
Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-37-16-05
eCl@ss 9.0	27-37-16-05
ETIM 9.0	EC001439
ETIM 8.0	EC001439
PU (SPU)	10 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821806349
Customs tariff number	85364900990



Environmental Product Compliance	
CAS-No.	1303-86-2 7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Diboron trioxide Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	c0a31c1b-f19e-44fd-b1c7-1b8214701da2
SCIP notification number (Belgium)	fbfeac98-93f2-4c06-ba6a-8aaf276631b1
SCIP notification number (Bulgaria)	82f14479-261e-48a7-a6f1-92c123041952
SCIP notification number (Czech Republic)	b9ff3314-a916-4351-9c42-45444871388e
SCIP notification number (Denmark)	4e359781-f089-4753-b6cb-5f8a15c4f3de
SCIP notification number (Finland)	90a977b9-9a25-4813-b6b4-aa5c972b4bf8
SCIP notification number (France)	7a93b5fb-4bee-4908-9181-e7819ff1eb64
SCIP notification number (Germany)	94741950-ddca-496a-a6b3-a1d324af371b
SCIP notification number (Hungary)	7280d08d-6236-493e-9943-85d27b5b7aa2
SCIP notification number (Italy)	cc0f1b06-c5dc-415d-97b8-02df4cb0bd90
SCIP notification number (Netherlands)	b1322b48-4e67-4c2a-84e7-3556a28e32f0
SCIP notification number (Poland)	9e1b04aa-6643-4a99-a15a-8d922962aa2a
SCIP notification number (Romania)	6ebaa249-8eed-440a-853e-d21099531659
SCIP notification number (Sweden)	91cf499c-7ddd-4b10-b597-c7628297681f

Approvals / Certificates					
General approvals			Declarations of conformity and manufacturer's declarations		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03078	Railway WAGO GmbH & Co. KG	-	Z00004421.000

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 286-640	



Documentation				
Bid Text			Instruction Leaflet	
286-640	19.02.2019	xml 4.34 KB	pdf 1246.19 KB	
286-640	27.03.2015	doc 27.50 KB		

CAD/CAE-Data	
CAE data	
EPLAN Data Portal 286-640	
WSCAD Universe 286-640	

1 Compatible Products
1.1 Optional Accessories
1.1.1 Marking
1.1.1.1 Marker



Item No.: 209-701
WSB marking card; as card; not stretchable; plain; snap-on type; white

1.1.2 Terminal blocks
1.1.2.1 Terminal block for pluggable modules



Item No.: 280-638
Terminal block for pluggable modules; 8-pole; with 2-conductor terminal blocks; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

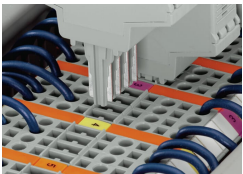


Item No.: 280-764
Terminal block for pluggable modules; 8-pole; with 4-conductor terminal blocks; with marker carrier; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray



Item No.: 280-628
Terminal block for pluggable modules; 8-pole; with 4-conductor terminal blocks; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

Installation Notes
Installation



Coding ensures correct polarity.



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

Marking



Marking via WMB Multi Marking System.

Testing



Function testing via touch-proof test slots