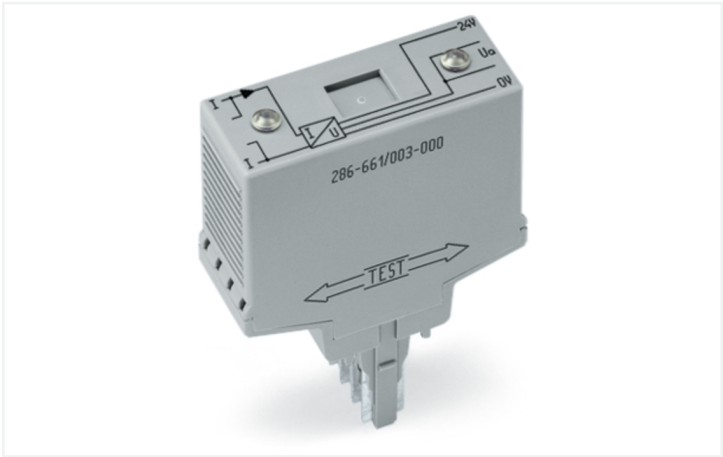
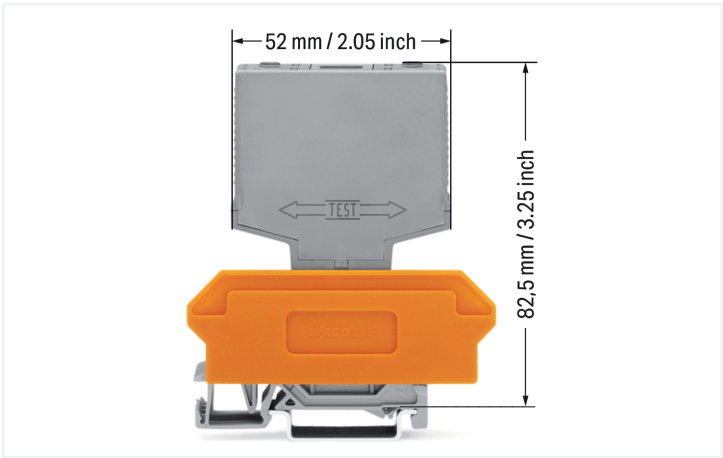
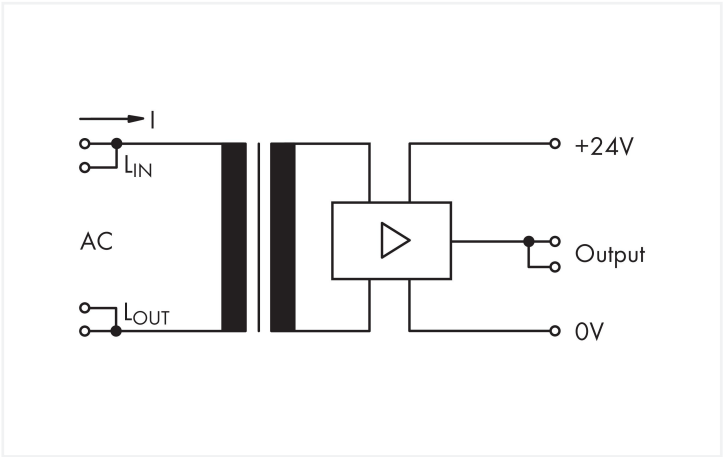




Color: ■ light gray



Notes	
Note	Only use the product in signal processing networks that are not supplied directly from the low-voltage power supply network.

Technical data			
Input		Power supply	
Input signal (current)	AC 0 ... 6 A	Nominal supply voltage U_s	24 VDC
Input voltage (max.)	250 VAC	Supply voltage range	$\pm 10 \%$
Frequency range	50 Hz	Current consumption at nominal supply voltage	$\leq 22 \text{ mA (+ } I_{DO})$
Voltage drop	10 ... 100 mV		
Response threshold	80 mA		
Response time	40 ms		
Output (digital)		Signaling	
Switching voltage (DO) max.	Supply voltage applied	Status indicator	Green LED; Output: 0 V (operation; current $> 80 \text{ mA}$) Red LED; Output: 24 VDC (current flow interruption; current $< 80 \text{ mA}$)
Continuous current (DO) max.	50 mA (DC)		



Safety and protection		
Rated Voltage		250 V
Rated impulse withstand voltage		3.8 kV
Overvoltage category		II
Pollution degree		2
Dielectric strength, input/output (AC, 1 min)		2.2 kVrms
Insulation type		Basic insulation
Insulation type (between adjacent devices of the same type)		Double insulation (safe isolation)
Insulation type (to adjacent devices of different types)		Basic insulation
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

Mechanical data		
Mounting type		Pluggable module for receptacle terminal blocks
Housing design		Plug for carrier terminal blocks

Material data		
Color		light gray
Fire load		4.266 MJ
Weight		46.6 g

Environmental requirements		
Ambient temperature (operation)		-25 ... +40 °C
Ambient temperature (storage)		-40 ... +70 °C
Temperature range of connection cable		≥ (T _{ambient} + 30 K)
Relative humidity		5 ... 95 % (no condensation permissible)
Operating altitude (max.)		2000 m

Commercial data		
Product Group		6 (INTERFACE ELECTRONIC)
PU (SPU)		10 (1) pcs
Packaging type		Box
Country of origin		DE
Customs tariff number		85364900990

Product classification		
UNSPSC		39122331
eCl@ss 10.0		27-37-18-02
eCl@ss 9.0		27-37-18-02
ETIM 9.0		EC001440
ETIM 8.0		EC001440
ECCN		NO US CLASSIFICATION



Environmental Product Compliance	
CAS-No.	1303-86-2 1317-36-8 7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Diboron trioxide Lead Lead monoxide
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	12e65cbe-cb4a-4d55-bfc9-560d50e16394
SCIP notification number (Belgium)	22734e31-8f12-43e5-a027-f20cabd96b66
SCIP notification number (Bulgaria)	e954e395-27e8-45a2-8eb1-4408e2571324
SCIP notification number (Czech Republic)	5efcc77d-7691-4053-8eae-ad8cef5d9b6
SCIP notification number (Denmark)	7ffd275e-6612-42f5-b3fc-20e2f1bd423d
SCIP notification number (Finland)	1d86358a-211e-416d-9aee-0de3ce0320f7
SCIP notification number (France)	8daaa4eb-4fd9-4792-9158-6357e21c404e
SCIP notification number (Germany)	f329001a-8720-467e-ac13-e58c5584fefa
SCIP notification number (Hungary)	a05ae252-b7ad-4ea9-97a5-9bc26bc46bf3
SCIP notification number (Italy)	c6890112-a1d5-470a-aed9-57f794cd50c5
SCIP notification number (Netherlands)	435a1988-4f9e-42ae-a852-2b8bd4a3d507
SCIP notification number (Poland)	3a53c835-f491-4ead-8e87-bbdcf41c32f1
SCIP notification number (Romania)	2203c846-997f-47b0-89ab-b6c4fb0840c8
SCIP notification number (Sweden)	6ed2be51-a1d5-4d12-bd40-910d0cb4c92a

Main product function	Current flow monitoring module
Product type	Specialty electronics
Series	286

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



Downloads

Environmental Product Compliance

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Documentation

Bid Text

286-661	19.02.2019	xml 3.79 KB	Download icon
286-661	02.04.2015	doc 24.50 KB	Download icon

Instruction Leaflet

Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	Download icon
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CAD/CAE-Data

CAD data

2D/3D Models 286-661

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CAE data

WSCAD Universe 286-661

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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.: 280-619](#)
Terminal block for pluggable modules; 6-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.: 280-763](#)
Terminal block for pluggable modules; 6-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.: 280-609](#)
Terminal block for pluggable modules; 6-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

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

Current addresses can be found at: www.wago.com