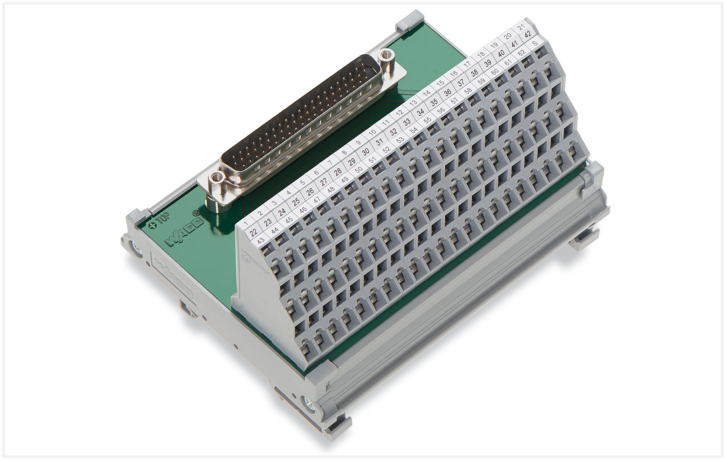
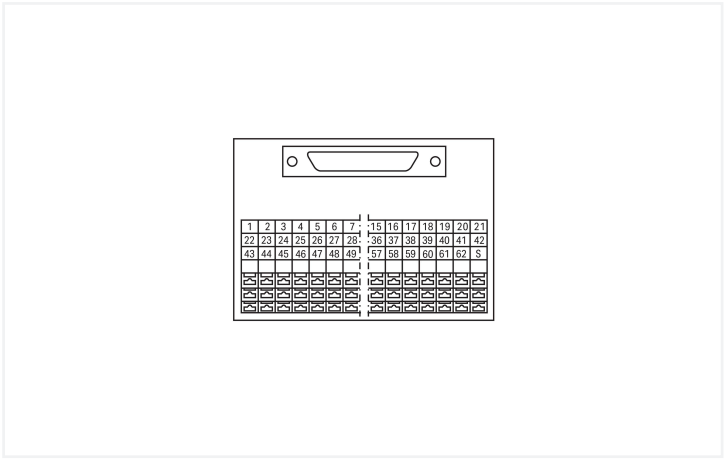
Data Sheet | Item Number: 289-597

Interface module; 2,50 mm²

https://www.wago.com/289-597





Similar to illustration

Electrical data

Operating voltage	≤ 125 VAC/VDC
Nominal current	1 A
Contact resistance (max.)	15 mΩ
Specialty functions	With shield connection

Safety and protection

Rated Voltage	125 V
Rated impulse withstand voltage	0.8 kV
Pollution degree	2
Protection type	IP20

Connection Data

Performance level	3 / 50 mating cycles

Connection 1

Pluggable connector	HD D-sub male connector
Pole number 1	44
Connection type	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

Connection 2

Design	PCB terminal blocks (triple-deck)
Pole number	44
Connection type	Field
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 737 Series
Solid conductor	0.08 … 2.5 mm² / 28 … 12 AWG
Fine-stranded conductor	0.08 … 2.5 mm² / 28 … 12 AWG
Strip length	5 … 6 mm / 0.2 … 0.24 inches

Continued on next page

Physical data

Width	79 mm / 3.11 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	62 mm / 2.441 inches

Mechanical data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

Material data

Contact material (connector)	Au over Ni
Fire load	0.881 MJ
Weight	128.9 g

Environmental requirements

Ambient temperature (operation)	-20 … +55 °C
Ambient temperature (storage)	-40 … +70 °C
Relative humidity	≤ 85 % (non-condensing)

Standards and Specifications

Standards/specifications	EN 61010-2-201

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	4 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454353551
Customs tariff number	85366990990

Product Classification

UNSPSC	39121421
eCl@ss 9.0	27-14-11-52
ETIM 9.0	EC002780
ETIM 10.0	EC002780
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	16263914-9eb6-49bc-aa28-0e1fba25980e
SCIP notification number (Belgium)	9038331d-eea8-44c6-8272-a67e08503df3
SCIP notification number (Bulgaria)	84cee0ba-b3ac-4301-8779-c10bd2eecc3d
SCIP notification number (Czech Republic)	05484361-c8ae-4a7a-b3cb-3be3ea727a38
SCIP notification number (Denmark)	d1271ac5-606b-4d7d-8c53-67f27718707e
SCIP notification number (Finland)	909d2086-450f-48e0-ac9e-ae7dad22b52e
SCIP notification number (France)	b76d4e0d-c3e6-49e7-8175-6556ff674da2
SCIP notification number (Germany)	03fd5343-8011-4bbf-98cf-82b724563ee2
SCIP notification number (Hungary)	db70be68-2338-4483-872b-6387cf387f39
SCIP notification number (Italy)	13b43b59-712b-44ae-9f49-caf1b66ea656

Continued on next page

Environmental Product Compliance

SCIP notification number (Netherlands)	b48e5fba-f58f-432b-a69d-e043c11dcf1d
SCIP notification number (Poland)	12a67c48-2a5c-416f-854a-99c754f86387
SCIP notification number (Romania)	4022a133-b8c9-4854-8817-773c83fe095b
SCIP notification number (Sweden)	c5248b12-0115-40e0-9583-0cd15c7a368a

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 289-597

Documentation

Instruction Leaflet

Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	

CAD/CAE-Data

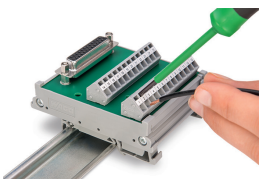
CAE data

EPLAN Data Portal 289-597

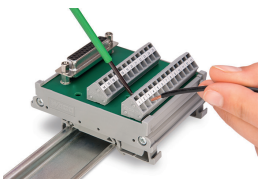
WSCAD Universe 289-597

Installation Notes

Conductor termination



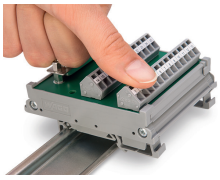
Conductor termination – screwdriver actuation parallel to conductor entry



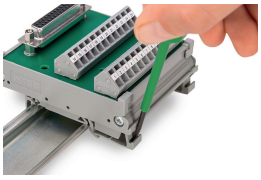
Conductor termination – screwdriver actuation perpendicular to conductor entry

Continued on next page

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.