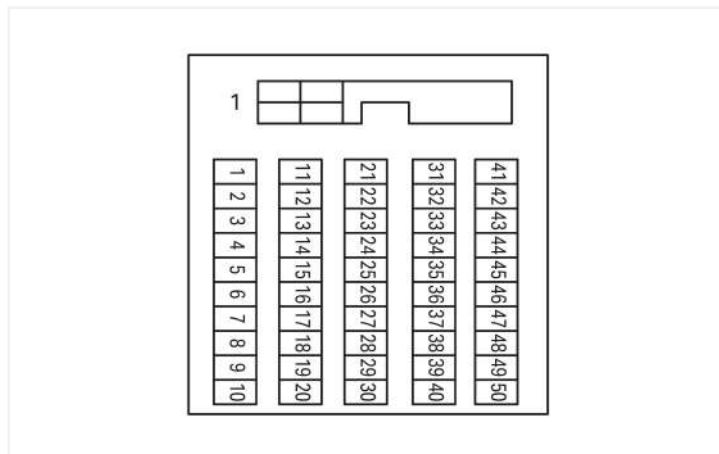
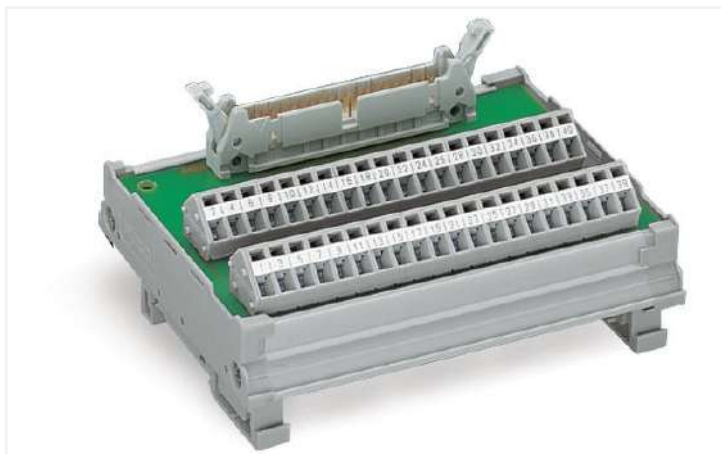


Data Sheet | Item Number: 289-598

Interface module; Pluggable connector per DIN 41651; 50-pole; PCB terminal blocks; in mounting carrier

<https://www.wago.com/289-598>



Similar to illustration

Electrical data

Operating voltage	≤ AC/DC 125 V
Nominal current	1 A

Safety and protection

Rated voltage	125 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP20
Insulation type	Functional insulation

Connection data

Connection 1

Connector	DIN 41651 connector; male connector
Pole number 1	50
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN

Connection 2

Design 2	PCB terminal blocks (5-row)
Pole number 2	50
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 255 Series
Solid conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inches

Physical data

Width	96 mm / 3.78 inches
Height	75 mm / 2.953 inches
Depth from upper-edge of DIN-rail	35 mm / 1.378 inches

Mechanical data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

Material data

Fire load	0.868 MJ
Weight	130.5 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
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Commercial data

PU (SPU)	3 (1) pcs
Country of origin	DE
GTIN	4045454353568
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads**Environmental Product Compliance****Compliance Search**Environmental Product
Compliance 289-598

1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 Marking strip



Item No.: 709-196

Marking strips; for laser printer; translucent



Item No.: 709-177

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



Item No.: 709-178

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

1.1.2 Tool

1.1.2.1 Operating tool



Item No.: 210-720

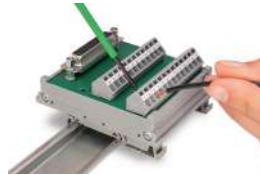
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry