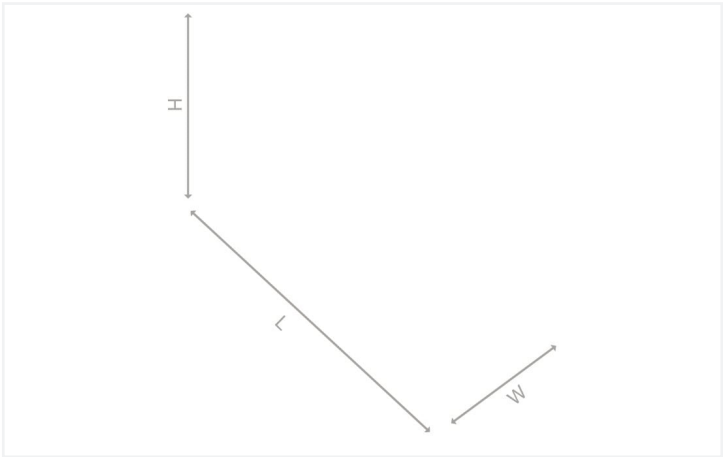
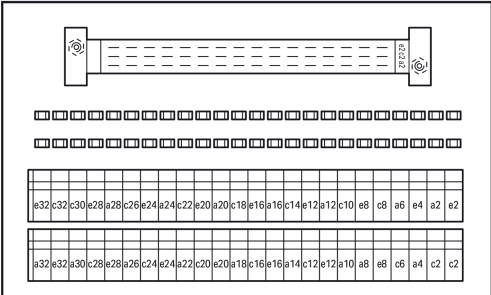
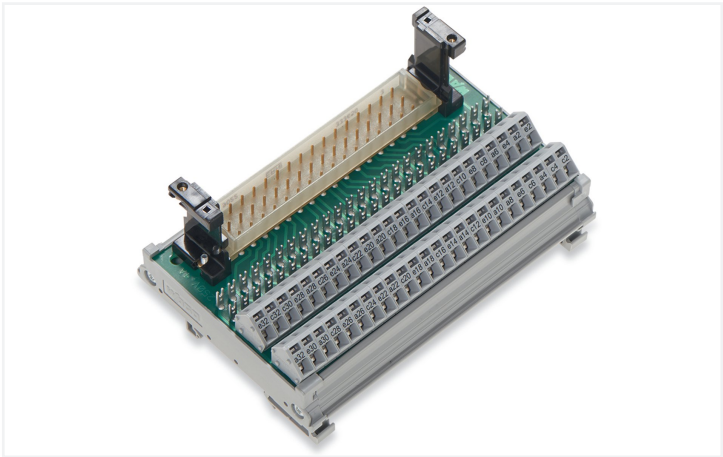




Dimensions in mm

Electrical data	
Operating voltage	≤30 VAC; ≤50 VDC
Nominal current	4 A
Contact resistance (max.)	16 mΩ

Safety and protection	
Rated voltage	50 V
Rated surge voltage	1.5 kV
Pollution degree	2
Protection type	IP00
Note on protection type	Notice! Live parts can be easily touched! Protection against direct contact must be provided by the equipment manufacturer, e.g., using a WAGO 709 Series Cover (see "Accessories") or a similar cover. The installation guidelines must be observed for each individual application.



Connection data		
Pole number		48
Connection type 1		System
Connector		Pluggable connector per DIN 41612; Type E; Male connector
For mating connector		ERNI
Mating direction		vertical
Connection type 2		Field
Pole number 2		48
Design 2		PCB terminal blocks (double-row)
Connection technology 2		CAGE CLAMP®
WAGO connector 2		WAGO 236 Series
Solid conductor 2		0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor 2		0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length 2		5 ... 6 mm / 0.2 ... 0.24 inch
Note (conductor cross-section)		12 AWG: THHN, THWN
Performance level		2 / 400 mating cycles

Physical data		
Width		128 mm / 5.039 inch
Height		85 mm / 3.346 inch
Depth from upper-edge of DIN-rail		55 mm / 2.165 inch

Mechanical data		
Mounting type		DIN-35 rail
Housing design		PCB with mounting feet

Material data		
Contact material (connector)		Copper alloy; gold plated
Fire load		4.054 MJ
Weight		147.8 g

Environmental requirements		
Relative humidity		≤ 85% (non-condensing)

Commercial data		
Product Group		6 (Interface Electronics)
eCl@ss 10.0		27-14-11-52
eCl@ss 9.0		27-14-11-52
ETIM 7.0		EC002780
ETIM 6.0		EC002780
PU (SPU)		3 (1) Stück
Packaging type		Box
Country of origin VKOrg Germany		DE
GTIN		4017332290586
Customs tariff number VKOrg Germany		85366990990

Downloads

Documentation

Additional Information			
Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 259.56 KB	

Bid Text			
289-434	19.02.2019	xml 3.42 KB	
289-434	09.02.2015	doc 26.00 KB	

Instruction Leaflet			
		pdf 1246.19 KB	

CAD/CAE-Data

CAE data	
EPLAN Data Portal 289-434	
WSCAD Universe 289-434	

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



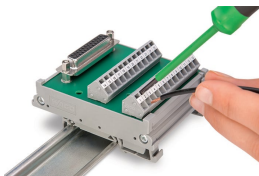
Item no.: 709-177
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



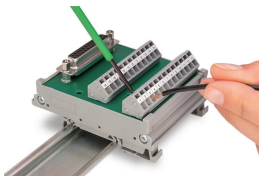
Item no.: 709-178
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

Installation notes

Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry

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

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