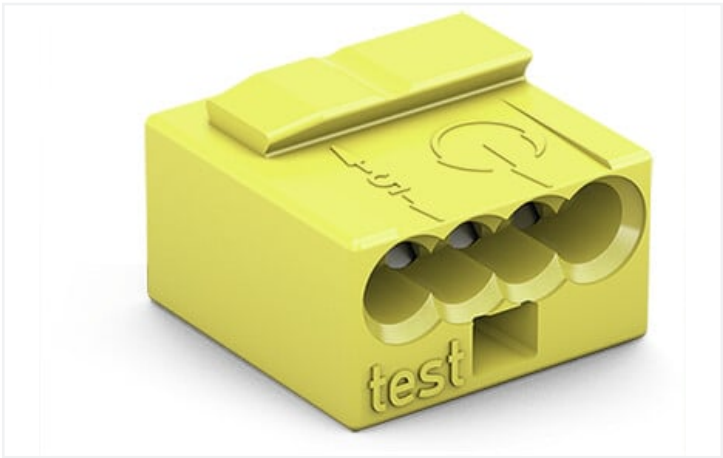


Data Sheet | Item Number: 243-504

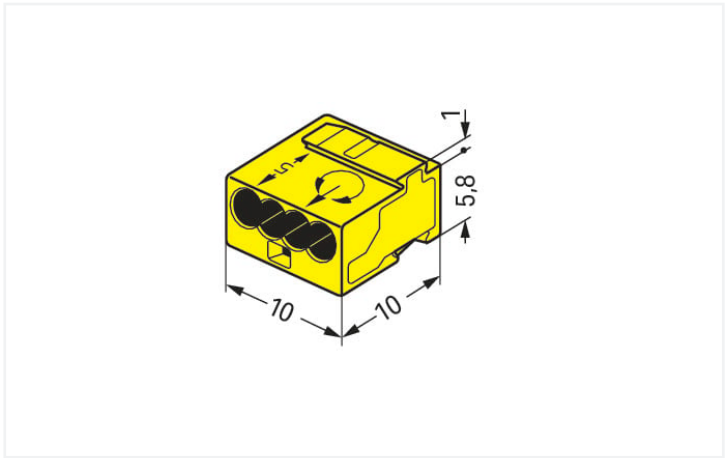
MICRO PUSH WIRE® connector for junction boxes; for solid conductors; 0.8 mm Ø;
4-conductor; light gray cover; Surrounding air temperature: max 60°C; yellow



<https://www.wago.com/243-504>



Color: yellow



Dimensions in mm

Electrical data

Ratings per IEC/EN	
Ratings per	EN 60664
Nominal voltage (II/2)	100 V
Rated surge voltage (II/2)	1.5 kV
Rated current	6 A
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Pollution degree 2

Connection data

Connection points	4
Total number of potentials	1
Number of connection types	1
Number of levels	1

Connection 1	
Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper
Solid conductor	22 ... 20 AWG
Conductor diameter	0.6 ... 0.8 mm / 22 ... 20 AWG
Conductor diameter (note)	When using conductors of the same diameter, 0.5 mm (24 AWG) or 1 mm (18 AWG) diameters are also possible.
Wiring direction	Side-entry wiring

Material Data

Note (material data)	
Information on material specifications can be found here	
Color	yellow
Cover color	light gray
Fire load	0.012 MJ
Weight	0.8 g



Commercial data	
eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 8.0	EC000446
ETIM 7.0	EC000446
PU (SPU)	1000 (100) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918440813
Customs tariff number	85369010000


Approvals / Certificates		
General approvals		Approvals for marine applications
Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60998	NTR NL 7812
CSA DEKRA Certification B.V.	C22.2	70048857
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-112493
UR Underwriters Laboratories Inc.	UL 1059	E45172
Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	18-HG1755093-PDA
LR Lloyds Register	EN 60998	LR22207029TA

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 243-504	

Documentation			
Bid Text			
243-504	19.02.2019	xml 3.26 KB	
243-504	17.05.2017	doc 25.00 KB	
ausschreiben.de 243-504			

CAD/CAE-Data



CAD data	
2D/3D Models 243-504	

CAE data	
EPLAN Data Portal 243-504	
WSCAD Universe 243-504	
ZUKEN Portal 243-504	

1 Compatible Products
1.1 Optional Accessories
1.1.1 Marking
1.1.1.1 Marking strip



Item No.: 210-332/575-103

Marking strips; as a DIN A4 sheet; MARKED; 1-12 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white

1.1.2 Mounting adapter
1.1.2.1 Mounting accessories



Item No.: 243-112

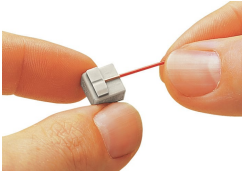
Mounting carrier; for 4 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange



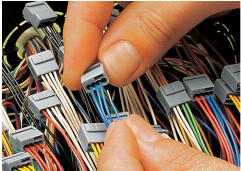
Item No.: 243-113

Mounting carrier; for 6 connectors; 243 Series; for DIN-35 rail mounting/screw mounting; orange

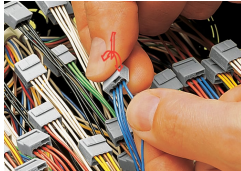
Installation Notes
Conductor termination



Strip solid conductors to 5 ... 6 mm (0.19 ... 0.23 inch).



Termination: Insert the stripped solid conductor until it hits the backstop.



Removal: Hold conductor to be removed and twist alternately left and right while pulling the connector.

Installation



Connector strips:
Assembling modular connectors into
connector strips.

Commoning



Commoned connector strips

Testing



Testing via test port opposite to conduc-
tor entry.



The 243 Series can be used in both communication and alarm systems according to the VdS (German Association of Property Insurers) guidelines.

No general approval is given to PUSH WIRE® connectors by the VdS association. The connectors must be tested together with the different parts of the system. The requirements for connectors are specified in the VdS guidelines for junction boxes (VdS 2116) in section 8.7: "The junction box connectors must be designed to guarantee a reliable and stable connection."

The verification of the fulfillment of these requirements is documented in the VDE test report No. 2574-1440-4031 for the insulated 243 Series PUSH WIRE® Connectors.