

Female connector; with screw flange; 8-pole; pin spacing 5.08 mm / 0.2 in; codable; with 2 latches

Item No.: 231-308/107-000



Female connector; with screw flange; 8-pole; pin spacing 5.08 mm / 0.2 in; codable; with 2 latches

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	231-308/107-000
GTIN / EAN	4044918840552
Content	1
Order amount	50
Customer item number	

Notes

Universal connection for all conductor types
Easy cable pre-assembly and on-unit wiring via vertical and horizontal
CAGE CLAMP® actuation
Integrated test ports
Coding option available

Technical data

Miscellaneous

No. of Poles	8
Total number of connection points	8
Total number of potentials	8
Color	orange
Ratings according to 1	IEC/EN 60664-1
Overvoltage category EN 1	III
Pollution degree (1)	2
Rated voltage EN (1) [V]	320 [V]

Technical data	
Rated surge voltage (1) [kV]	4 [kV]
Nominal current [A]	16 [A]
Overvoltage category EN 2	II
Degree of pollution (2)	2
Rated voltage EN (2) [V]	630 [V]
Rated surge voltage (2) [kV]	4 [kV]
Nominal current (2) [A]	16 [A]
Overvoltage category EN 3	III
Degree of pollution (3)	3
Rated voltage EN (3) [V]	320 [V]
Rated surge voltage (3) [kV]	4 [kV]
Nominal current (3) [A]	16 [A]
Connection technology (1)	CAGE CLAMP®
Conductor type (1)	solid
Cross section from (1) [mm²]	0.08 [mm²]
Cross section up to (1) [mm²]	2.5 [mm²]
Cross section from (1) [AWG]	28 [AWG]
Cross section up to (1) [AWG]	12 [AWG]
Conductor type (2)	fine-stranded
Cross section from (2) [mm²]	0.08 [mm²]
Cross section up to (2) [mm²]	2.5 [mm²]
Conductor type (3)	fine-stranded (with insulated ferrule)
Cross section from (3) [mm²]	0.25 [mm²]
Cross section up to (3) [mm²]	1.5 [mm²]
Conductor type (4)	fine-stranded (with uninsulated ferrule)
Cross section from (4) [mm²]	0.25 [mm²]
Cross section up to (4) [mm²]	2.5 [mm²]
Stripped length from (1) [mm]	8 [mm]
Stripped length up to (1) [mm]	9 [mm]
Strip length from [inch] [in]	0.31 [in]
Strip length up to [inch] [in]	0.35 [in]
Stripped length (1) [in]	0.33 [in]
Material group	I
Insulating material	Polyamide 6.6 (PA 6.6)

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Technical data	
Flammability rating per UL 94	V0
Lower limit temperature [C]	-60 [C]
Upper temperature limit [C]	85 [C]
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	tin-plated
Fire load [MJ]	0.224 [MJ]
Weight [g]	15.928 [g]
Width [mm]	50.54 [mm]
Width [in]	1.99 [in]
Height [mm]	14.3 [mm]
Height [in]	0.563 [in]
Length [mm]	26.45 [mm]
Length [in]	1.041 [in]
Pin spacing from [mm]	5.08 [mm]
Pin spacing from [in]	0.2 [in]

Approbation					
Item No.	Registration	Registration no.	Voltage [V]	Current [A]	Cross section [mm², AWG]
231-308/107-000	CCA	5764	250	16	0,08-2,5
231-308/107-000	KEMA	2083746.02	250	16	0,08-2,5
231-308/107-000	UL	E45171	600	15	28-12
231-308/107-000	UL	E45172	300	15	22-12

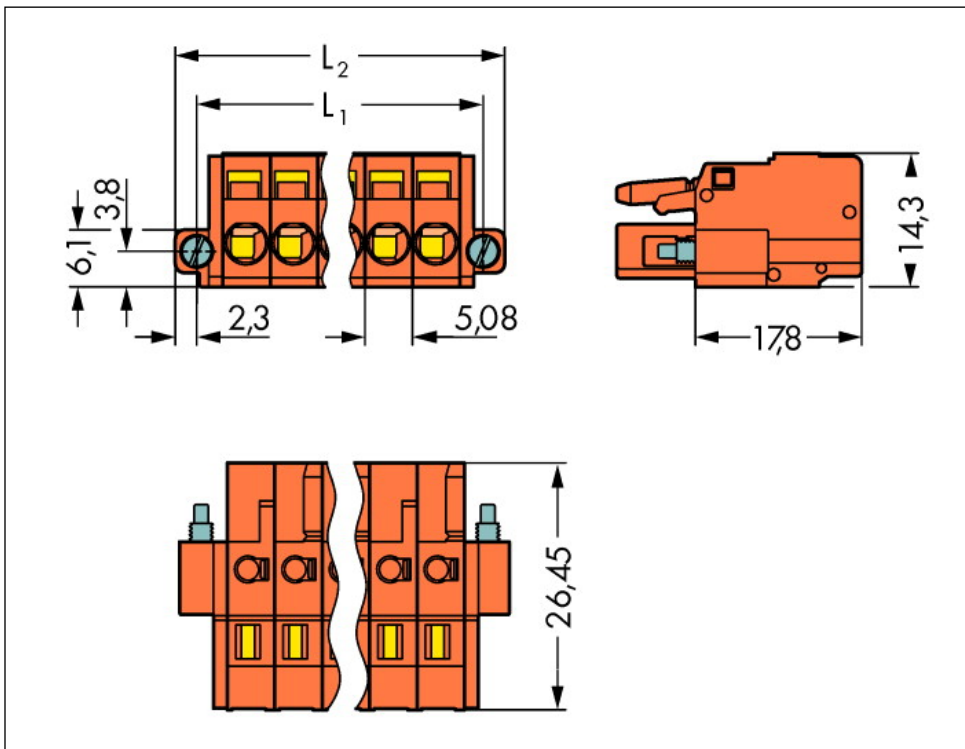
Accessories		
Insulation stop		
Item no.	Description	Pack. unit (Sub Pack)
231-670	Insulation stop; 0.08-0.2 mm² / 0.2 mm² "s"	25
231-671	Insulation stop; 0.25 - 0.5 mm²	25
231-672	Insulation stop; 0.75 - 1 mm²	25

Accessories

General accessory

Item no.	Description	Pack. unit (Sub Pack)
210-136	Test plug; 2 mm Ø; with 500 mm cable	1
210-137	Test plug; 2.3 mm Ø; with 500 mm cable	1
210-720	Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm; suitable for 260, 261, 262, 264, 270, 280, 281, 290, 775, 776, 777, 769, 780, 781, 869, 870, 880, 2002, 2003, 2004, 2005 and 2022 Series	1
231-159	Operating tool; for male and female connectors with CAGE CLAMP®; of Series 231, 232, 721, 722, 723, 731, 732	25
231-231	Combination operating tool; for male and female connectors with CAGE CLAMP®	25
231-291	Operating tool; for male and female connectors with CAGE CLAMP®; loose	25

Images & drawings



Address

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Technische Änderungen und Irrtümer vorbehalten.