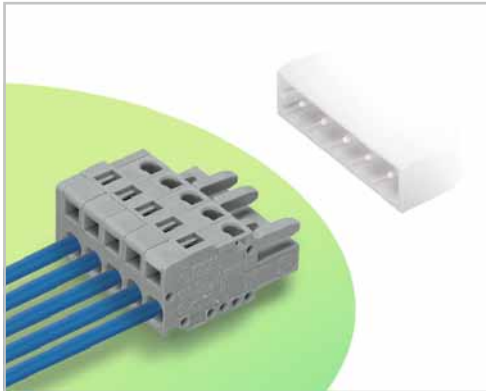


Female Connectors

Pin Spacing: 5 mm, 5.08 mm

MCS MIDI Classic



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

Technical data:

Pin Spacing	Straight female connectors:			Angled female connectors:		
	5 mm/5.08 mm 0.197 in./0.2 in.			5 mm/5.08 mm 0.197 in./0.2 in.		
Ratings per	IEC/EN 60664-1			IEC/EN 60664-1		
Overvoltage category	III	III	II	III	III	II
Pollution degree	3	2	2	3	2	2
Rated voltage	320 V	320 V	630 V	320 V	320 V	630 V
Rated surge voltage	4 kV	4 kV	4 kV	4 kV	4 kV	4 kV
Nominal current	16 A	16 A	16 A	14 A	14 A	14 A
Approvals per	UL/CSA			UL/CSA		
Use group UL 1059	B	C	D	B	C	D
Rated voltage	300 V	-	300 V	300 V	-	300 V
Nominal current UL	15 A	-	10 A	15 A	-	10 A
Nominal current CSA	15 A	-	10 A	15 A	-	10 A

The MCS MIDI connection system is UL 1977 approved and capable of up to 600 V for factory wiring.

Conductor data:

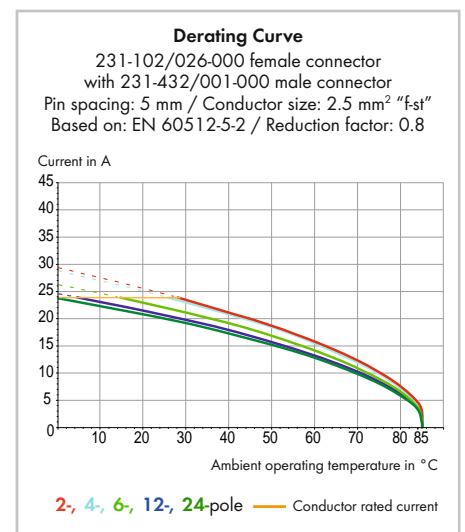
Connection technology	CAGE CLAMP®	
Conductor size: solid	0.08 ... 2.5 mm ²	
Conductor size: fine-stranded	0.08 ... 2.5 mm ²	
Conductor size: fine-stranded	0.25 ... 1.5 mm ²	(with insulated ferrule)
Conductor size: fine-stranded	0.25 ... 2.5 mm ²	(with uninsulated ferrule)
AWG	28 ... 12	12: THHN, THWN
Strip length	8 ... 9 mm / 0.31 ... 0.35 in	

Material data:

Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL 94	V0
Lower/Upper limit temperature	-60 °C / +85 °C
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	tin-plated
MCS connectors are also available upon request with gold-plated or partially gold-plated contact surfaces.	
Depending on the version requested, "item no. suffix ... /010-000" is added to the "basic item no."	

MCS - MULTI CONNECTION SYSTEM includes connectors without breaking capacity in accordance with DIN EN 61984.

When used as intended, these connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.



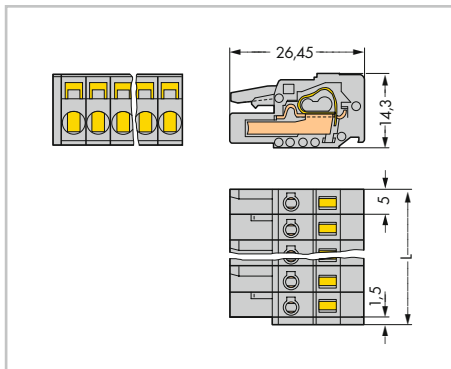
MCS MIDI accessories:

Page:

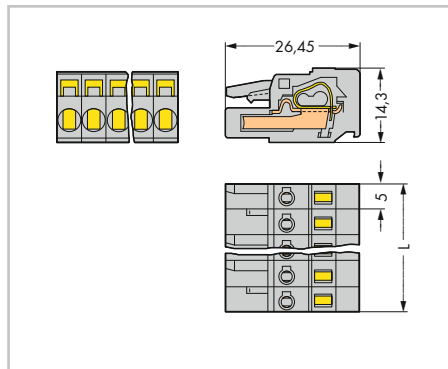
Marking accessories	570
Operating tools	470
Direct marking	362
Comb-style jumper bars	480
Insulation stop	473
Test plug adapter	478
Test plug	568
Screws	576
Strain relief housings	476
Strain relief plates	474

Female Connectors MCS MIDI Classic

Pin spacing: 5 mm / 0.197 in.		With integrated end plate Pin spacing: 5 mm / 0.197 in.	
0.08 ... 2.5 mm ²	28 ... 12 AWG	0.08 ... 2.5 mm ²	28 ... 12 AWG
320 V/4 kV/2 16 A	300 V/15 A	320 V/4 kV/2 16 A	300 V/15 A



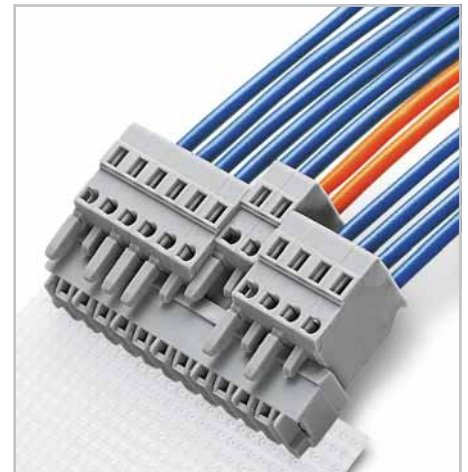
L = (pole no. x pin spacing) + 1.5 mm



L = pole no. x pin spacing

Group arrangement without loss of pin spacing

Combining WAGO MULTI CONNECTION SYSTEM multipole female connectors into a single, long male header is often a common customer request. This is made possible by using modular female connectors with integrated end plate, offering the possibility of side-by-side stacking without needing an unused pole between connectors for spacing.



Total pole number for female connectors = Pole number for male header

Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit
Female connector, gray			Female connector with integrated end plate, gray		
2	231-102/026-000	100	2	231-102/102-000	100
3	231-103/026-000	100	3	231-103/102-000	100
4	231-104/026-000	100	4	231-104/102-000	100
5	231-105/026-000	100	5	231-105/102-000	100
6	231-106/026-000	50	6	231-106/102-000	50
7	231-107/026-000	50	7	231-107/102-000	50
8	231-108/026-000	50	8	231-108/102-000	50
9	231-109/026-000	50	9	231-109/102-000	50
10	231-110/026-000	50	10	231-110/102-000	50
11	231-111/026-000	25	11	231-111/102-000	25
12	231-112/026-000	25	12	231-112/102-000	25
13	231-113/026-000	25	13	231-113/102-000	25
14	231-114/026-000	25	14	231-114/102-000	25
15	231-115/026-000	25	15	231-115/102-000	25
16	231-116/026-000	25	16	231-116/102-000	25
17	231-117/026-000	25	17	231-117/102-000	25
18	231-118/026-000	25	18	231-118/102-000	25
19	231-119/026-000	10	19	231-119/102-000	10
20	231-120/026-000	10	20	231-120/102-000	10
21	231-121/026-000	10	21	231-121/102-000	10
22	231-122/026-000	10	22	231-122/102-000	10
23	231-123/026-000	10	23	231-123/102-000	10
24	231-124/026-000	10	24	231-124/102-000	10
2- to 3-pole female connectors – one latch only					



Female connectors with built-in end plate require no extra space, while maintaining the nominal cross-section. This means: Total length of female connectors is reduced to "pole no. x pin spacing"!