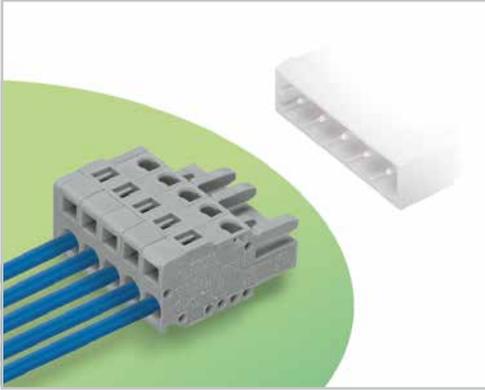


Female Connectors

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:

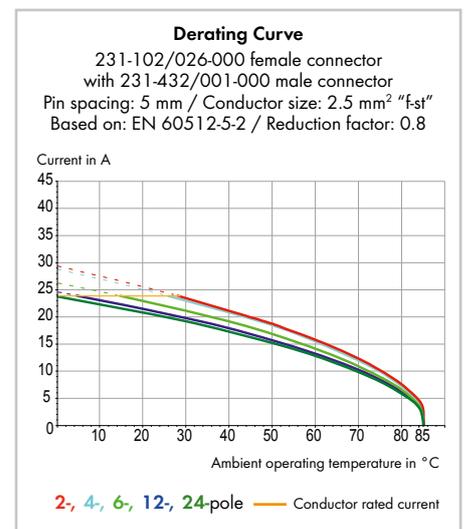
Connection technology	CAGE CLAMP®	
Conductor size: solid	0.08 ... 2.5 mm ²	
Conductor size: fine-stranded	0.08 ... 2.5 mm ²	
Conductor size: fine-stranded	0.25 ... 1.5 mm ²	(with insulated ferrule)
Conductor size: fine-stranded	0.25 ... 2.5 mm ²	(with uninsulated ferrule)
AWG	28 ... 12	12: THHN, THWN
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.



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