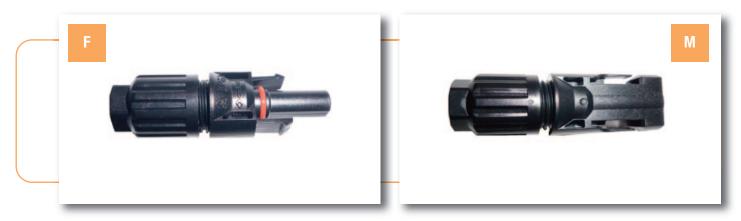
## **SINGLE POLE CONNECTORS**



## www.bericacavi.com

## Male/female connector for photovoltaic applications



**DESCRIPTION:** Free male / female connector for photovoltaic applications suitable for copper and aluminum conductor cross section 1,5-2,5 mm², 4.6 mm² and 10 mm²

TECHNICAL FEATURES	DESCRIPTION
Metallic PIN:	tinned copper
Contact resistance:	$Rc < 5m\Omega$
PIN diameter:	3 mm
PIN type:	printetd
Shell:	plastic (PPO)
Cable section:	1,5 - 2,5 - 4 - 6 - 10 mm2
Maximum voltage applicable:	1000 Vdc
Maximum current applicable:	25 A
Operating temperature:	-40 °C ÷ +85 °C
Degree of protection:	IP67
Flammability:	UL94-V0
Waterproofing:	IP67 (IEC 60529)
Insertion force:	≤ 50 N
Operating conditions:	-40 °C ÷ +85 °C
Flammability:	UL94V-0
Certifications:	TÜV for IS13242 and IS23243

CONDUCTOR TYPE	FOR CABLES WITH SECTION mm <sup>2</sup>	ITEM CODE
MALE	1,5 - 2,5	IS13240
MALE (TÜV)	4-6	IS13242
FEMALE	1,5 - 2,5	IS23241
FEMALE (TÜV)	4 - 6	IS23243
MALE	10	IS14242
FEMALE	10	IS24243

## **CRIMP PLIERS**



Crimping tool steel body, has handles of a length for which the manual tightening of the clamp is much easier.

Easy to use, robust, manageable, practical, economic and, especially, offers a good quality crimping.

It is particularly suitable for crimping terminals on the cable section of 10 mm<sup>2</sup>.

**DIRECTIONS FOR USE:** With the new crimping can be adjusted for correct crimping pressure and optimal tightening the cables through the toothed disk. The tool has been conceived for the realization of crimps on esegibili photovoltaic cables and twisted strands

**DIMENSIONS**: Length: 260 mm Thickness: 18 mm Width: 75 mm, Weight: 650 gr.