

# Conector MC4 1000VDC



www.solarone.mx

## Application

- Simple on-site processing
- Acomodates PV cable with different insulation diameters.
- Mating safety provided by keyed housings
- Multiple plugging and unplugging cycles
- High current carrying capacity



## Technical Parameters

Supresor de Picos	Part P/N		Cable special	
	Connector	Terminal	Conductor size (mm <sup>2</sup> )	CableOD (ØDmm)
MC4 1000VDC	MC4 1000VDC Male	MC4 1000VDC Model 1.	AWG 12 (4.0mm <sup>2</sup> )	Ø4.5-Ø8.5
			AWG 10 (6.0mm <sup>2</sup> )	
	MC4 1000VDC Female	MC4 1000VDC Model 1.	AWG 12 (4.0mm <sup>2</sup> )	Ø4.5-Ø8.5
			AWG 10 (6.0mm <sup>2</sup> )	

## Technical Parameters

Rated Current	30A (45A if with solid pins)
Rated Voltage	1000V DC
Test Voltage	6000V (50Hz, 1 min)
Overvoltage Type / Pollution Degree	CAT III / 2
Contact resistance of plug connector	1mΩ
Contact material	Copper, Tin - plated
Insulation Material	PPO / PC
Degree of protection	IP2X / IP67
Flame class	UL94 - VO
Safety class	II
Suitable cable	OD 4.8 - 8.5 (2.5 - 6.0 mm <sup>2</sup> )
Insertion force / withdrawal force	≤50N / ≥50N
Connecting System	Crimp connection
Temperature range	-40°C ~ +125°C