

Modulostar®

Helio



## Advantages

- Modulostar® fuse holder, with or without blown fuse indicator
- Specially designed for photovoltaics and D.C., applications in general
- Built to UL 512 and 60947-3 standards
- For fuses up to 32A 10x38
- Blown fuses indication from 350VDC to 1000VDC
- Plastic port are UL94 V0 to V2 (yellow card)
- In accordance with RoHS directive

Nb of pole	Cat. Number	Ref. Number	Nb of Mode (17.5mm)	Pack	Indicator
1	US101HEL	D1009979K	1	12	Without Ind.
1	US101IHEL	Q1009461K	1	12	With Ind.

## Characteristics

- **Wiring:** rigid wire = 1 - 16mm<sup>2</sup> (18-6AWG), flexible wire = 0.75 - 10mm<sup>2</sup> (18-8AWG) use 75°C wire CO only
- **Screw driver heads:** Ferraz Shawmut recommends use of PZ 2 or flat 5.5x1mm heads (maximum diameter 6mm)
- **Maximum tightening torque:** 2.2Nm
- DC20B-IP2X

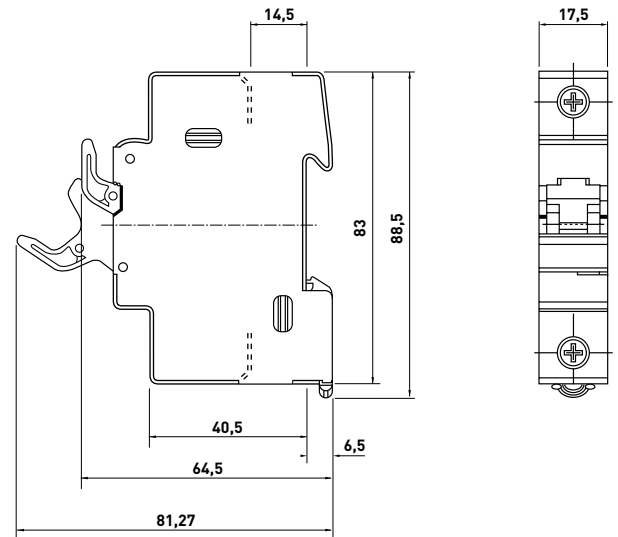
Nominal Voltage U <sub>i</sub> DC	Voltage Isolation U <sub>imp</sub>	Nominal Current	Max. power losses in the fuse links	Fuse links rating	Cable wire section (mm <sup>2</sup> ) recommended
1000VDC Pollution Degree 2	6kV	32A	3W	≤12	2.5
	6kV	32A	3W	16	2.5
	6kV	32A	3W	20	2.5
	6kV	32A	3W	25	4
	6kV	32A	3W	30	6

## Recommendations

- Do not operate under load
- **The PV source** must be connected to the upstream terminal
- **Non insulated conductive parts:** preferably the equipment should be laid out keeping the + and - polarities separate
- **Mounting with surge suppressors:** check that the surge suppressors' Up is compatible with the US10's I<sub>U imp</sub>=6kV (see UTE C15-712)

## Accessories

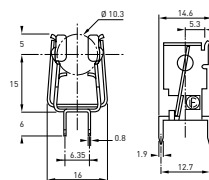
Same as the entire Modulostar® range



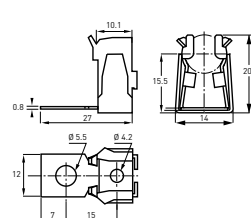
## Fuse clips

Cat. Number	Designation	Weight	Pack
MR10RESSORTCI	MR10 CI	4.5	200
MR10RESSORT	MR10	7.0	20
MR10RESSORTSP	MR10 without connecting lug	5.7	20

MR10 CI



MR10



MR10 without connecting lug

