



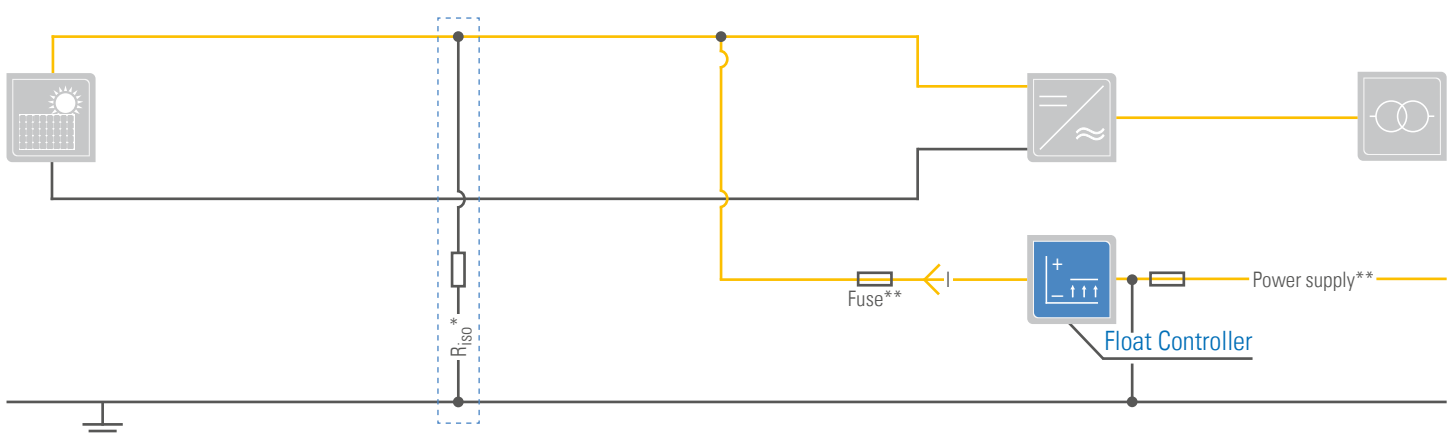
Please note: Illustrations may vary slightly from the product itself.

Float Controller CI

Module protection

to fight PID-effect and TCO-corrosion

- Fast recovery of PID affected modules
- Immediate PID/TCO protection
- Suitable for PV systems up to 1500V
- Easy installation/retrofitting



* Schematically illustrated insulation resistance

** No scope of supply / available as accessory

General Information	FLOAT CONTROLLER CI 70	FLOAT CONTROLLER CI 30
Application range	Central Inverter / String Inverter	Central Inverter / String Inverter
Operation mode / Operating range	Day or night mode / Adjustable thresholds	Day or night mode / Adjustable thresholds
MPPT / device	1-20**	1-20**
Rise in potential (to ground)	≤ 960 V _{DC}	≤ 960 V _{DC}
Minimum insulation resistance of PV plant	15 kΩ	35 kΩ
Housing		
Application	Outdoor / indoor	Outdoor / indoor
Material	ASA	ASA
Colour scheme	Blue / structur	Blue / structur
Mounting	Wall mounted	Wall mounted
Dimensions & Weight		
Housing (width/height/depth)	330/200/120 mm	330/200/120 mm
Weight	Approx. 3,16 kg	Approx. 3,16 kg
Input parameters		
Supply voltage	24 V _{DC}	24 V _{DC}
Power input	max. 100 W	max. 50 W
Protection	6,3 A	6,3 A
Measurement PV-	MC4 plug	MC4 plug
Measurement PV+	MC4 socket	MC4 socket
Output parameters		
PV+ pull up	MC4 socket	MC4 socket
Rated output voltage	≤ 1000 V _{DC}	≤ 1000 V _{DC}
Rated output current	≤ 70 mA	≤ 30 mA
Outputvoltage *** (Modbus RTU)	PV - PV + Outputvoltage of the Float Controllers Outputcurrent of the Float Controllers	PV - PV + Outputvoltage of the Float Controllers Outputcurrent of the Float Controllers
Safety class & Environmental conditions		
Safety class according to EN 60529	IP 65	IP 65
Permissible ambient temperatures	-20 °C to +50 °C	-20 °C to +50 °C
Rel. ambient humidity, non-condensing	Up to 90 %	Up to 90 %
Altitude above sea level	Max. 2.000 m	Max. 2.000 m

* Approval of inverter manufacturer necessary
 ** 2-20 MPPT / device in conjunction with Multi Connector 20
 *** Connection to data logger / monitoring system via AI

