

RAPID SHUTDOWN BOX DUO AND QUATTRO

/ The convenient rapid shutdown solution for Fronius inverters.



The new generation of Fronius Rapid Shutdown Boxes (RSB) enhances overall rooftop and firefighter safety. The low-profile design and installer-friendly mounting and wiring, make the Fronius Rapid Shutdown Box the ultimate solution for all Fronius SnapINverters* in PV systems up to 600 V. Directly connected to the inverter through the same conduit as the DC homeruns and powered by the array, the Fronius solution minimizes the number of components required and eliminates the need for an external power supply.

The low-profile design allows for installation underneath the modules, ensuring a clean system look. Thanks to the NEMA 4X rating, the box is built to withstand severe outdoor conditions. MC4 connectors, spring-loaded terminals and generous wiring space make wiring our new generation of Rapid Shutdown Boxes even easier. Rapid shutdown is triggered when AC power is not present at the inverter, causing the box to rapidly discharge the DC lines to the inverter.

SLEEK DESIGN

- Low-profile design that fits underneath modules for a clean system look
- Mounting bracket with multiple mounting options
- NEMA 4X rating to withstand severe outdoor conditions



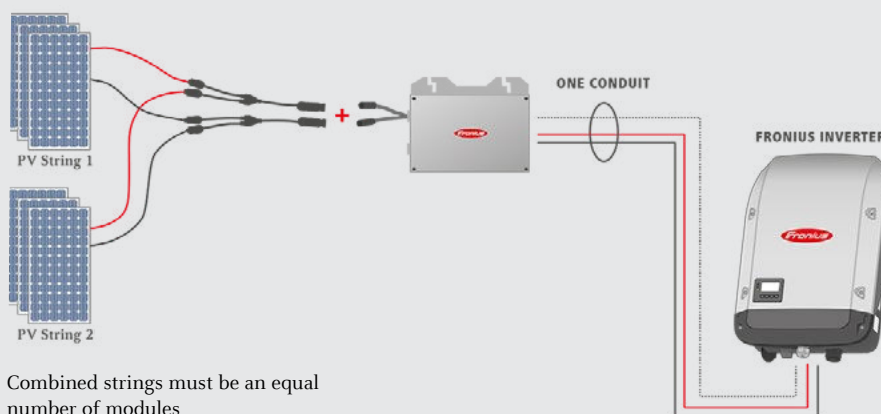
EASY WIRING

- MC connectors, spring-loaded terminals and generous wiring space
- 25 A rated inputs for up to two strings per input (via MC4 "Y" connectors)

SMALL NUMBER OF COMPONENTS

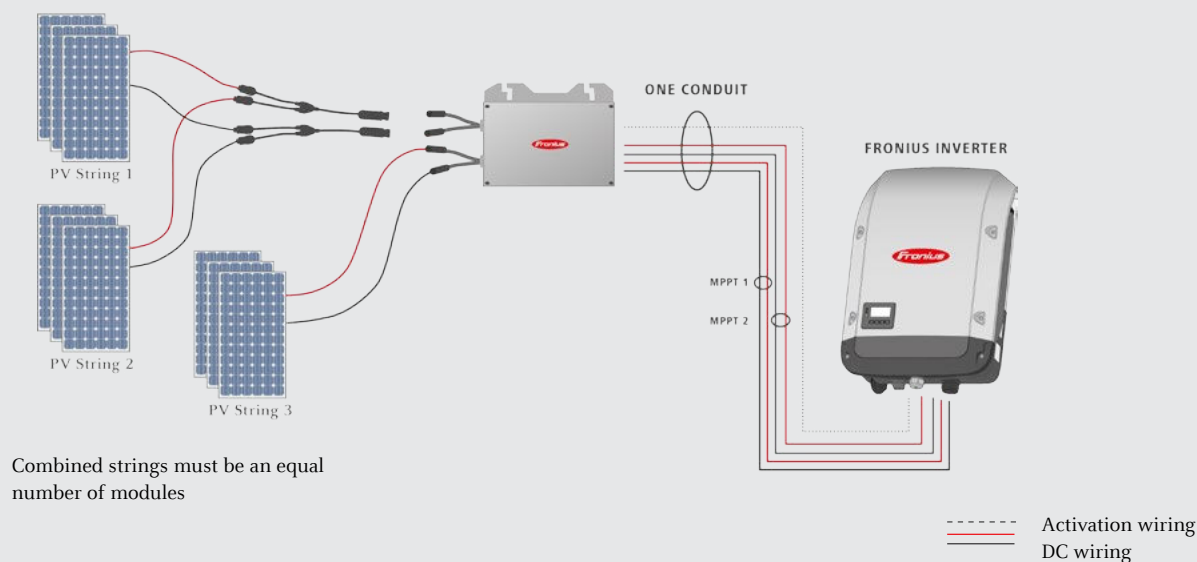
- Rapid Shutdown Box replaces your junction box
- DC-powered: no extra power supply needed

SAMPLE CONFIGURATION: DUO



* Excluding the Fronius Symo 15.0-3 208

SAMPLE CONFIGURATION: QUATTRO



GENERAL DATA	RAPID SHUTDOWN BOX DUO	RAPID SHUTDOWN BOX QUATTRO
Maximum voltage		600 V _{DC}
Start up voltage		80 V _{DC}
Maximum input current	25 A	25 A / 25 A
Power supply	DC (from the PV array)	
Typ. self-consumption during operation	2 W	
Input circuits- MC4	1 (2 if used with MC4 Y connector)	2 (4 if used with MC4 Y connectors)
Max. number of strings	2	4
Max. output current	25 A	25 A / 25 A
Output circuits - spring clips	1	2
Max. DC homerun wire size	AWG 8	
Max. communication wire size	AWG 14	
Number of conduit ports	2	
Conduit size	19 mm and 25 mm (3/4 in. and 1 in.)	
For use with Amphenol H4/other connectors	Remove MC-4 connectors and replace with UL listed connectors	
External hardware required	No	
Permissible operating temperature range	-40 C to 65 C (-40 F to 149 F)	
Rel. humidity	0 to 100% (non condensing)	
Maximum installation elevation	4,000 m (13,123 ft)	
Enclosure type	Type 4X	
Unit dimensions	28.6 x 24.65 x 7.15 cm (11.3 x 9.7 x 2.8 in.)	35.1 x 29.3 x 7.15 cm (13.8 x 11.5 x 2.8 in.)
Unit weight	1.8 kg (4 lbs.)	2.7 kg (6 lbs.)
Compliance	UL1741; LTR AE-004-2015; FCC 15 Class B	
Compatible inverters	Fronius Galvo, Fronius Primo**, Fronius Symo (excluding the Fronius Symo 15.0-3 208) up to 600V	

** Note: For automatic rapid shutdown functionality, the Primo 10-15 kW must have a recent software version. Power stage SW2 seen in the inverter display "info" menu under "versions" must be 0.6.34.4 or greater (as shipped with serial number 27384701 or greater).

AODA Compliance Statement

Fronius will make written information and other forms of communication material accessible upon request.

Fronius Canada Ltd

2875 Argentinia Road, Units 3 - 6
Mississauga, ON L5N 8G6
www.fronius.ca
pv-sales-canada@fronius.com
905-288-2100