



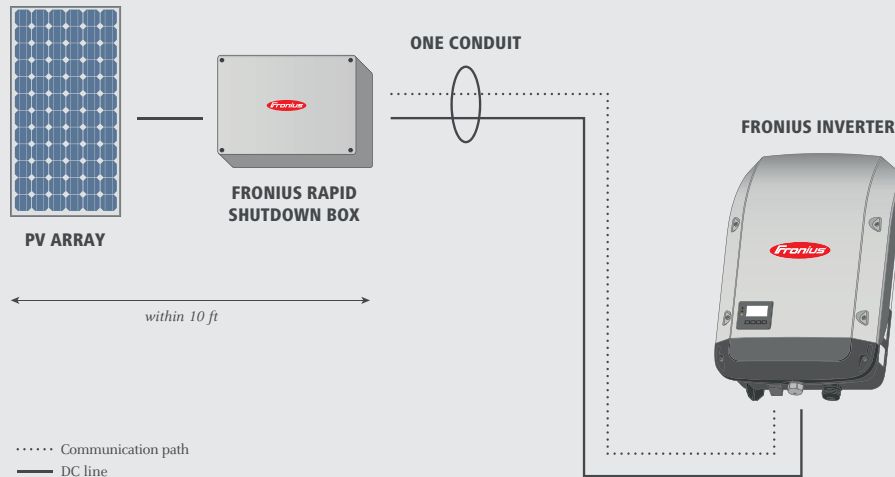
SHIFTING THE LIMITS

RAPID SHUTDOWN BOX

/ The reliable rapid shutdown solution for Fronius inverters



/ The brand new Fronius Rapid Shutdown Box provides the ultimate solution for NEC 2014 code (690.12) compliance and enhances rooftop and firefighter safety. The 2014 NEC requires a rapid shutdown function for PV systems on buildings. With the Fronius Rapid Shutdown Box, Fronius offers a reliable and easy to install solution for all single phase SnapINverters from 1.5 kW to 15 kW. Directly connected to the inverter through the same DC conduit as the DC homeruns, the Fronius solution minimizes the number of boxes needed providing ease of installation. No additional power supply or ground level hardware is needed, reducing overall system cost and streamlining the system. The Rapid Shutdown is triggered whenever AC is not present, and the DC lines are rapidly discharged by the inverter, allowing for a seamless solution to the code changes.



TECHNICAL DATA

RAPID SHUTDOWN BOX	SINGLE STRING	MULTI STRING**
Max. input current	17 A	2 independent channels, each 25 A
Max. voltage	600 V	
Power supply	DC powered by the array (max. 3W)	
Dimensions (W x H x D)	7.9 x 5.5 x 3.5 in.	11 x 7 x 4 in.
Max. DC homerun wire size	AWG 10	AWG 8
DC disconnect	NA	Yes
Protection class	NEMA 4X	
Temperature range	-40° - 140° F (-40° - +60° C)	
DC input wire size	AWG 10 to AWG 12	
Max. communication wire size	AWG 14 (rated for max. system voltage)	
Number of conduit ports	2	1
Conduit size	3/4 in.	1 in.
Certifications and compliance with standards	UL1741, FCC Part 15 Class B, NEC 690.12	

** Data is preliminary until product is available. The Fronius Rapid Shutdown Box-Multi will be available for order April 2016, the Fronius Rapid Shutdown Box-Single is now available.