

PUMA VANDAL PROOF

Hot Water Booter Switch



Specification (at 25°C)

- Supply Voltage: 230-240V a.c
- Frequency: 50Hz
- Current max: 20Amp (4800 Watts Resistive)
- Current min: 5 Amp (1200 Watts Resistive)
- Dimensions: Plate enclosure:72mm(h) x 47mm(w) x 37mm(d)
- Plate size: 114 x 70mm
- Relay enclosure: 72mm(h) x 47mm(w) x 37mm(d)

Features:

The Trader Hot Water Booster Switch has been designed for use with solar hot water systems up to 20A. Designed as a temporary override for heating solar hot water systems and connected to the booster element inside the hot water system. On overcast, cloudy days the solar hot water system may not heat the water enough to the desired temperature, or in cases where the demand is greater than usual where guests may be visiting and increased usage has exhausted the existing hot water. The system can be boosted and controlled through the thermostat of the hot water system.

If a conventional switch is used to turn the booster element on, it is possible to forget to switch the booster element off. The booster may be left running for days, or even longer and can be very costly. The function of the Trader Hot Water Booster Switch is to allow the water to be electrically heated to the desired temperature. When the thermostat opens it resets the relay and returns hot water system to normal solar operation. Boosting only takes place when required, at the push of a button.

Another advantage of the Hot Water Booster Switch is that it is easy to wire on existing or new locations. There is no need to alter any of the hot water system's internal wiring. You simply wire through the relay to the terminals of the hot water service.

Indicator lights on the front plate give the status of the hot water system, ie: Hot, Cold or Boost Required.



Quick reference guide:

Orange/Amber neon only ON	Water temperature cold - booster element required. Press button to boost.
Red neon only ON	Booster power 'on' - water heating water to temperature.
Orange/Amber and Red neon ON	Water temperature hot - working normally on solar operation.