

Dual Operation VSS (Voltage Sensitive Switch) and Emergency Parallel

These Voltage Sensitive Switches automatically sense connected battery bank voltages and provide optimal, efficient charging of the second bank. The VSS allows for independent battery banks to be combined or isolated based on the presence of a charging source (such as an engine alternator or battery charger), while also offering remotely activated, high current, emergency parallel connection. Designed and constructed for longevity in the marine environment with tinned copper conductors, stainless steel nuts, and high temperature, fiber reinforced plastics. The units are ignition protected, provide On/Off switching operation, and may be recessed or surface mounted.

- Dual battery sensing
- Remote emergency parallel function: can be operated through a momentary button on the dash which will parallel the batteries for 10 minutes. Once this 10 minutes has passed, if the voltage is up high enough, the voltage sensitive switch will stay engaged. If not, it will disengage. If not, it will disengage.
- Manual override option

720-MDVSO benefits

- Dual 12V/24V operation (both banks must be same voltage)
- Low power consumption (<6mA)
- Lowered cut in voltage (13.3V/26.6V) suits low output alternators and high temperature environments

80-701-0018-00, and 720-MDO-EP: Emergency Parallel Only

- 10 minute remotely activated emergency parallel function (no voltage sensitive function)
- 12V/24V operation (both banks must be same voltage)

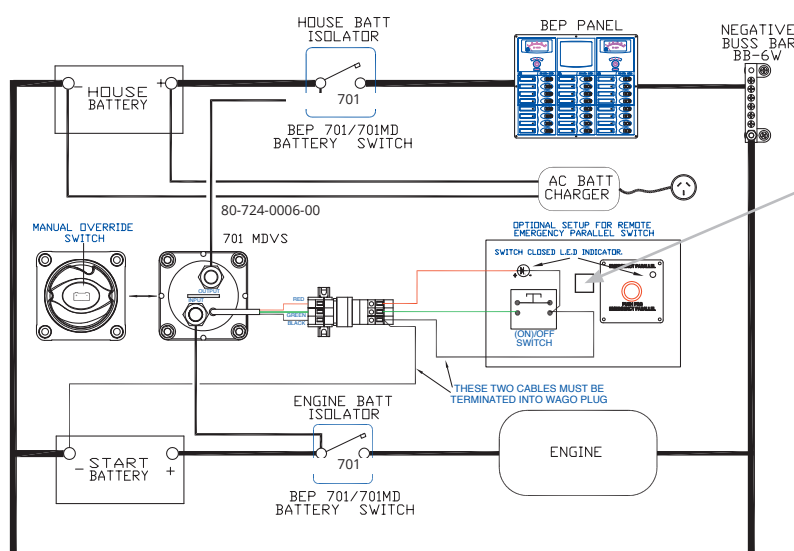


80-701-0018-00



720-MDO-EP

Part #	LxWxH in	LxWxH mm	Voltage	Rating	Engages	Disengages	Cable to meet rating
701-MDVS	2.7" x 2.7" x 4"	69 x 69 x 101 mm	12V	275A	13.7V DC	12.2-13.00V DC	3/0AWG (95mm ²)
720-MDVSO	4" x 4" x 4.3"	102 x 102 x 110 mm	12/24V	500A	13.3/26.6V DC	12.7/25.4V DC	2x 3/0AWG (95mm ²)
701-MDVS-24V	2.7" x 2.7" x 4"	69 x 69 x 101 mm	24V	275A	27.4V DC	24.4-26.00V DC	3/0AWG (95mm ²)
80-701-0018-00	2.7" x 2.7" x 4"	69 x 69 x 101 mm	12/24V	275A	Emergency Parallel Only		3/0AWG (95mm ²)
720-MDO-EP	4" x 4" x 4.3"	102 x 102 x 110 mm	12/24V	500A	Emergency Parallel Only		2x 3/0AWG (95mm ²)



Remote Emergency Parallel Switch

Used for convenient remote activation of the 10 minute emergency parallel function on these motorized Voltage Sensitive and Emergency Parallel switches. It can be mounted standalone or within the Contour Connect panel range.

Part # 80-724-0007-00