

DIAMECANS HEAVY DUTY DOUBLE POLE BATTERY SWITCH



The demand for a high quality, two pole, battery isolator switch enabled Amelec to source and introduce the Diamecans range from France. The 200047 switch is a marine grade device used for the manual switching of heavy DC circuits.



In most battery installations some sort of switching is necessary in order to isolate the batteries from the load circuit when required. Usually this can be done with single pole switches which isolate the positive only. In many applications however, double pole switching is required for safety reasons. Isolating the negative circuit ensures that there is no possibility of a positive supply backfeeding through the negative line. Disconnecting both the positive and negative potentials ensure that this problem can never occur. It is for this reason that some society classifications specify double pole switching as mandatory.

The Diamecans solution is a heavy duty, marine grade switch with a weatherproof rating for the most arduous environments. The device has a strong, 'T' Handle operator, two point mounting system and can easily be cut into a panel for simple installation. The highly visible, red operator is non-removable ensuring no lost or misplaced handles.

The device features epoxy protective coating, double cut copper contacts and heavy duty brass terminals which enable secure connection for large battery cables.

The compact nature of the switch makes it ideal for installation in confined areas.

The switch has high continuous and intermittent current ratings and is rated for DC applications up to 48 Volt.

Parameter	
Code number	200047
Voltage rating	48 DC maximum
Continuous rating	250 Amps DC
Intermittent rating	800 Amps DC for 5 minutes
Peak rating	2500 Amps DC for 5 seconds
Weatherproof rating	IP65
Operating temperature	-40° to +85°C
Switch termination	4 x M10 brass studs
Weight	Approximately 1kg
Dimensions	108mm x 133mm x 92mm (overall)
Mounting dimensions	82mm x 75mm cutout