

Encapsulated Limit Switches



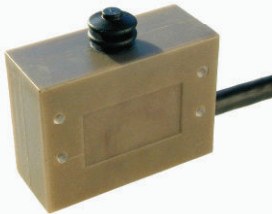
'Craig & Derricott Supply Essential Equipment to Navy's Across the World'

With a wealth of experience in the design and manufacture of control gear for heavy duty use, Craig & Derricott are uniquely placed to supply equipment for use in military situations.

To completely seal electrical equipment by encapsulation is a technique developed across several product ranges, but is particularly suitable to heavy duty limit switches.

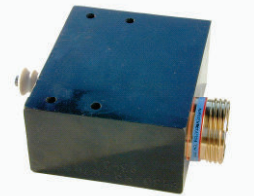
Encapsulated limit switches fall into two main categories, block encapsulated and internally encapsulated.....

Block Encapsulated



The starting point for this range of products is the well proven 20A snap action Miniswitch. With its high power rating and generous sized contacts it is well suited to the encapsulation process. Most of the items in this range have a cable pre-connected and sealed within the encapsulant, and in the case of most military applications, this will be a closely specified low toxicity product.

The very latest version in the range dispenses with the cable and incorporates a military multi-pin connector.



With single and double pole options as well as standard or gold flashed/plated contacts, the range can be modified to meet a specific requirement.

Internally Encapsulated



Internally encapsulated devices come in various formats. The photograph on the left shows a typical metalclad limit switch with extended terminals and encapsulant fill. The item shown on the right is a pushbutton contact block in a moulded body with a pre-connected cable tail prior to encapsulation.

We can tailor products to suit your individual requirements, so please give us the application and let us recommend a solution.



Typical Assemblies

Part No	Construction		Description	C&D Ref	NATO No
	Block Encap.	Internal Encap			
H/ENCAP	Yes		General purpose SP C/O device with 2.75M cable tail	MND 0278	593 099 531 2057
DH/ENCAP	Yes		General purpose DP C/O device with 3.65M cable tail	MND 0375	593 099 788 6114
DH6/ENCAP/GF	Yes		As above but gold flashed contacts and 4.2M of cable tail	MND 0483	593 099 956 9033
DH2/Encap	Yes		Incorporates a 16 pin military style plug	MND 0514	
MN1/ENCAP		Yes	SP C/O pushbutton contact block for '32 Series' actuators.	MNA 0806	
C1/25/B		Yes	Lever operated limit switch with 0.5M cable tail glanded into assembly	MNA 0707	

The encapsulation process is also applied to products that are certified for use in hazardous areas. Our certification now includes the latest ATEX requirements.