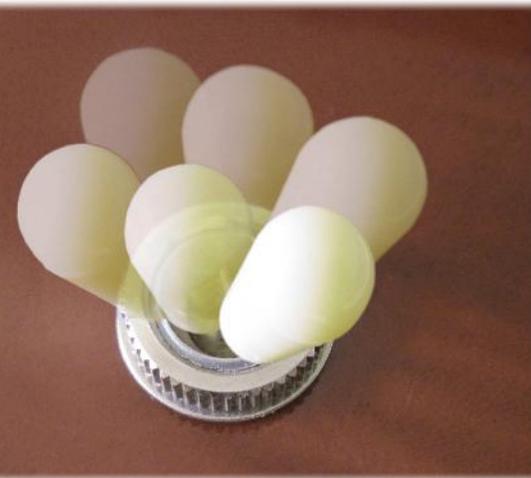


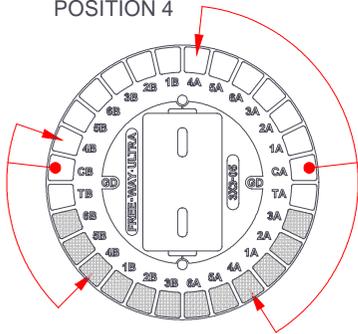
FREE-WAY SWITCH

www.froowayswitch.com

MANUFACTURED IN ENGLAND BY NSF CONTROLS LTD



POSITION 4

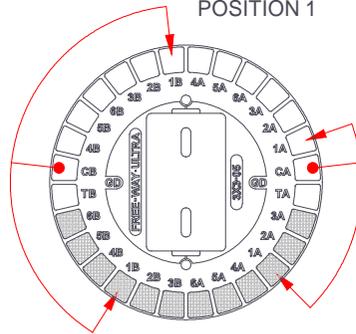


Reverse View of Switch

ELECTRICAL FUNCTION

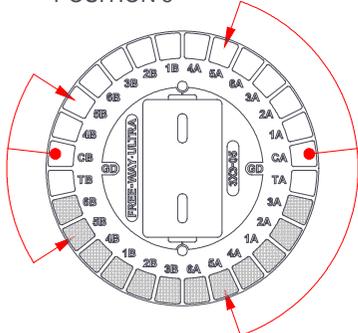
Comprising circuits 'A' & 'B'. Common 'CA' connects to 1A - 6A pairs. Common 'CB' connects to 1B - 6B pairs. All terminals correspond to switch position (i.e. 1-6). 'A' & 'B' switching logic is identical. 'TA' and 'TB' only come into circuit in between positions 4&5 and 5&6.

POSITION 1



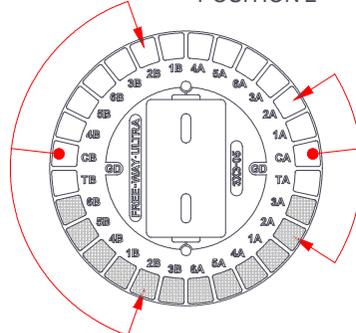
Reverse View of Switch

POSITION 5

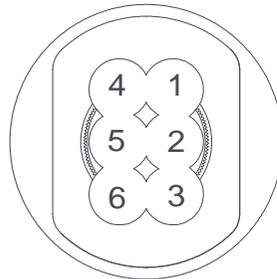


Reverse View of Switch

POSITION 2

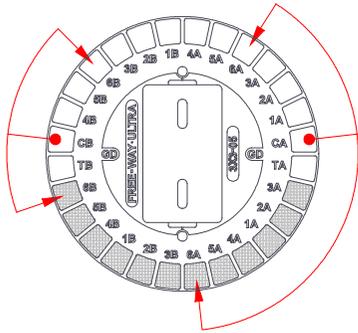


Reverse View of Switch



Top View of Switch

POSITION 6

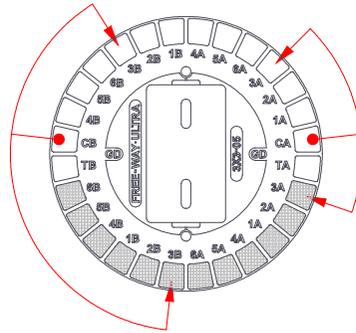


Reverse View of Switch

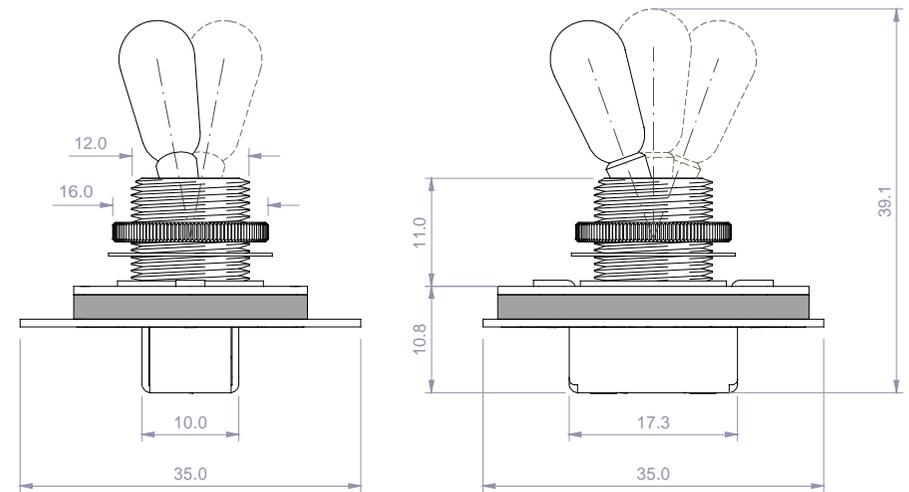
ELECTRICAL TRANSITION

Generally 'Make Before Break' except that: greyed pads are 'Break Before Make' in their transverse travel; (i.e. 1-4, 2-5 & 3-6) and transitions between greyed pads 4-5 & 5-6 go through TA or TB (momentarily connecting to CA or CB midway between these positions).

POSITION 3



Reverse View of Switch



3X3-05 Schematic : Last Updated Sept 2013

Model No:- **3X3-05 Free-Way Ultra**

Schematic