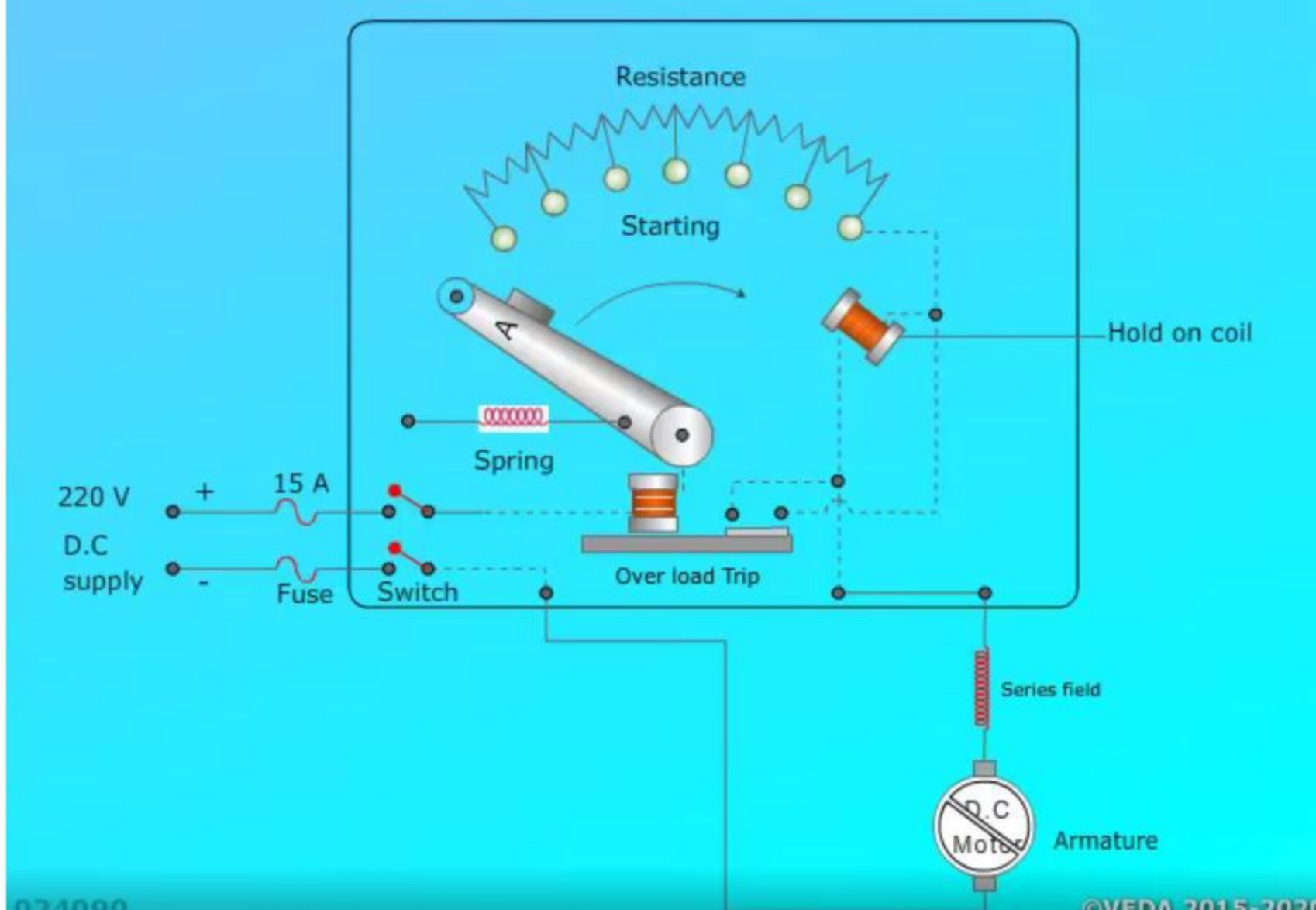
Resistance
Starting
A
Hold on coil
Spring
220 V
+
15 A
D.C
supply
-
Fuse
Switch
Over load Trip
Series field
D.C
Motor
Armature