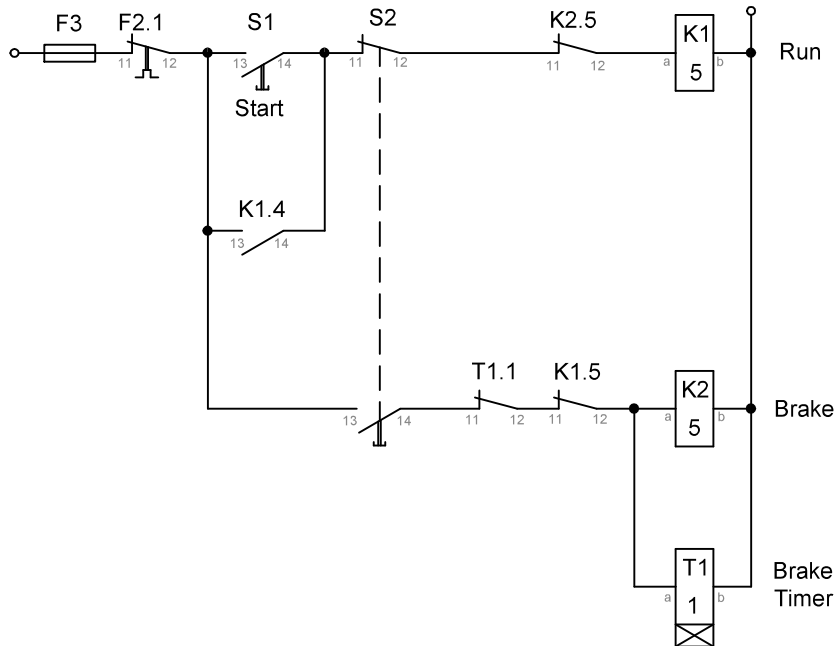


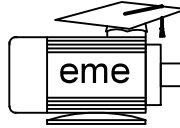
DYNAMIC BRAKE
INDUCTION MOTOR
MODULE
Product Code 71-10-DB002

Please Note : Most Important !
Source of Control Circuit supply
will be determined by the coil voltage of
the contactors & timer being used



Operation of the Brake Circuit

1. Quick press & release Push Button S2 will de-energise the Run(K1) contactor motor shaft will slowly come to rest due to wind & bearing friction only
2. press & hold S2 will de-energise the Run(K1) contactor Contact K1.5 will close arming the Brake circuit, thus energise both the Brake contactor(K2) & the Brake Timer Relay(T1) The motor shaft will then be retarded by the stationary dc magnetic field energised from the Dynamic Brake Module After a time delay Timer contact T1.1 will open and de-energise the Brake circuit Once the Brake circuit is de-energised the Push Button Switch S2 can then be released



**ELECTRIC MOTOR
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Dynamic Brake
Circuit Diagram

51 Ferndale Road REVESBY 2212

Drawn By : *R. Holden*
Date : 28/08/2018

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