



**CENTRAL POWER
RESEARCH INSTITUTE
BENGALURU**

ONE-DAY

TECHNICAL WEBINAR

TEST REQUIREMENTS ON LT SWITCHGEAR AND CONTROLGEAR

as per Latest IEC 60947
Series of Standards



21 AUGUST 2026

09:30 AM – 05:30 PM (IST)

ONLINE EVENT

KEY TOPICS:



IEC 60947 Series of Standards
& Interpretations



Short Circuit Testing



Pre & Post Test Requirements



Digitalization of
LV Switchgear



DC Breakers & Trends



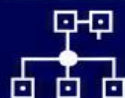
EMI / EMC Requirements

NO REGISTRATION FEES

ORGANISED BY

SHORT CIRCUIT LABORATORY

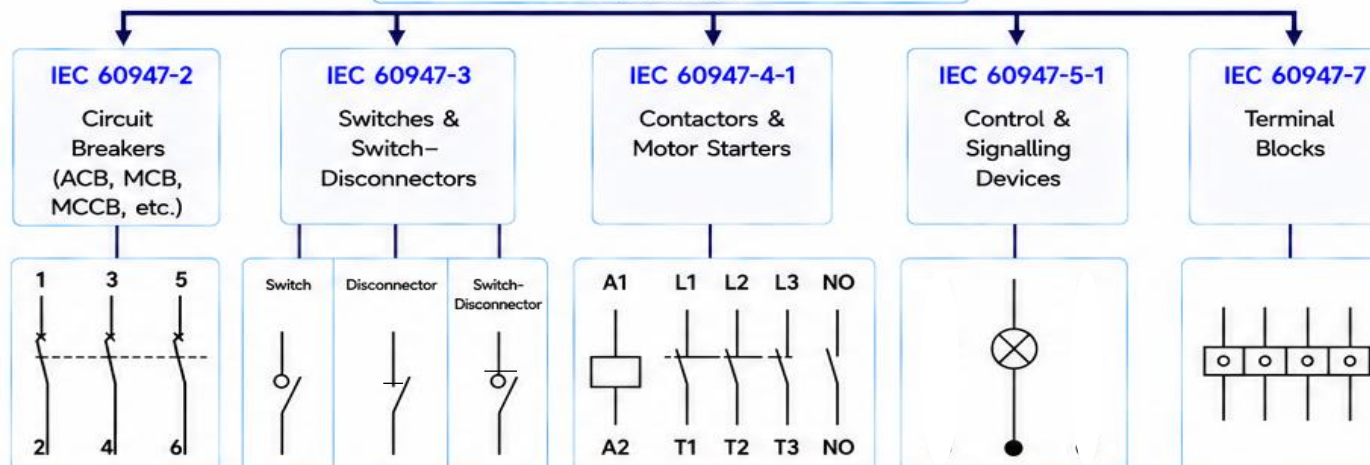
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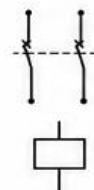
TYPICAL LOW VOLTAGE SWITCHGEAR & CONTROLGEAR SYSTEM IEC 60947-1 TO 60947-7

IEC 60947-1

Low Voltage Switchgear and Controlgear –
General Rules



LEGEND – TYPICAL SYMBOLS USED IN IEC 60947 SCHEMATIC DIAGRAMS



Circuit Breaker
(ACB / MCB / MCCB)

Contactor Coil



Signalling Device
(Indicator Lamp)

Terminal Block

TYPICAL LOW VOLTAGE SWITCHGEAR COMPONENTS

MCB
(Miniature Circuit Breaker)



MCCB
(Moulded Case Circuit Breaker)



ACB
(Air Circuit Breaker)



Contactor



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