ORGANISED BY ELECTRICAL ENGINEERING TECHNICAL DIVISION

HALF DAY EVENT

SURGE PROTECTION - SPECIFICATIONS AND SAFE PRACTICES

BEM Approved CPD: 4
Ref. No.:IEM22/HQ/393/T

SPEAKER:

Mr. PHILLIP TOMPSON

28TH OCTOBER 2022

9 AM - 1 PM

WISMA IEM, PETALING JAYA

SYNOPSIS

IEC standard series IEC62305 and IEC61643 have been adopted in Malaysia. This presentation will commence with a discussion of the lightning risk assessment procedure then consider the application of surge protection in accordance with the risk assessment results. Sizing surge protection is important as is the method of installation to ensure effective operation. Surge protection devices fail for a variety of reasons, so it is important to protect not just the SPD but the surrounding equipment that may be damaged as a result of an SPD failure. This presentation will discuss some of these protection techniques and present practical and cost methods of providing effective surge protection.

SPEAKER'S PROFILE

Phillip Tompson is the Founder and Managing Director of Novaris Pty Ltd. He holds an honours degree in Electrical Engineering from the University of Queensland. He has been a practising electrical engineer for 40 years and has specialised in the field of lightning protection for the last 30 years. He is a Chartered Professional Engineer, a Fellow of Engineers Australia and a life member of the IEEE. He is currently the Institution of Engineers, Australia nominated representative on Australian Standards committee EL-024 responsible for the preparation of AS1768, the Australian Standard on Lightning Protection. He represents Australia on IEC committees TC81 and SC37A responsible for IEC standard series IEC 62305 and IEC. Mr. Phillip Tompson graduated from the University of Queensland in 1971 with an honours degree in Electrical Engineering (Electronics and Communications).

Registration Fees
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