



ISO/IEC JTC 1/SC 25/WG 3 N 1299
Date: 2021-09-27

ISO/IEC JOINT TECHNICAL COMMITTEE 1

**SUBCOMMITTEE No.25: INTERCONNECTION OF
INFORMATION TECHNOLOGY EQUIPMENT
WORKING GROUP 3: CUSTOMER PREMISES CABLING**

To: David Law, Chairman IEEE 802.3 [REDACTED]

CC: Adam Healey, Vice Chair IEEE 802.3, [REDACTED]
Jon Lewis, Secretary, IEEE 802.3 Ethernet Working Group, [REDACTED]
Konstantinos Karachalios, Secretary, IEEE-SA Standards Board, [REDACTED]
Paul Nikolich, Chair, IEEE 802 LMSC, [REDACTED]
James Withey, IEEE 802.3 Liaison Officer, [REDACTED]

Subject: Liaison from ISO/IEC JTC 1/SC 25/WG 3 on project IEC 60512-99-003

Dear Mr Law,

At our 20 to 23 September meeting, SC 25/WG 3 reviewed the IEC/SC 48B work on a proposed new standard IEC 60512-99-003, specifying a test procedure for unmating under electrical load for SPE connectors to correctly qualify that single pair connectors are not damaged if they are unplugged while power is still applied.

IEEE 802.3 has previously supplied circuit diagrams for simulating unmating under load for 4-pair POE, and SC 25/WG 3 would like to request your guidance with associated circuit diagrams for single pair ethernet powering, or confirmation that the same circuit could be used.

Sincerely,

Albrecht Oehler
Convenor, ISO/IEC JTC 1/SC 25/WG 3