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web therefore if the measured value of impedance is below 5.44Ω the earth loop impedance of the circuit is acceptable for motor rated devices with thermal and magnetic

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web the calculation of max zs is made in order to verify that the protective device functions within time limits during earth fault the maximum impedance during earth fault max

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web bs 7671 2018 tables 41.2 41.3 and 41.4 indicate the maximum earth fault loop impedance values it s important to note that these are the maximum values which

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web the maximum acceptable earth electrode resistance for installations operating tn s or in tt systems where earth fault loop impedance is not restricted to a lower value is 200

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web the following table gives the limiting values of earth fault loop impedance when measured at ambient temperatures up to maximum measured values of planet fault

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web jul 18 2019 the maximum earth fault loop impedance values z_s in bs 7671 or the equivalent tables in the iet on site guide osg and iet guidance note 3 inspection

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web the value of maximum earth fault loop impedance z_{max} with respect to the actual total impedance z_s may be used to determine the appropriate earth cable size explained

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web tables 5.1 and 5.2 give maximum earth fault loop ripple values for fuses and for miniature circuit breakers to give a minimum disconnection time of 0.4 s includes the

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web the maximum values of earth fault loop impedance to achieve the disconnection time vary with the different types of protective device and also between manufacturers

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web table 41 4 maximum earth fault loop impedance z_s for fuses for 5 s disconnection time with u_0 of 230 v see regulation 411 4 8 a general purpose gg fuses to bs 88 2 2

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web what resistance values are required for a tt earthing system table 41 5 of bs 7671 2018 a1 2020 states that 1667 ohms is the maximum earth fault loop

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web the maximum z_s values given in tables 41 2 to 41 4 are based upon the line conductors carrying load current and being at a temperature of 70 c