

Vishay Semiconductors

Optocoupler





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Appendix to Certificate: 24227 Vishay Semiconductor Malaysia SDN.BHD Manufacturing site Lot PT1707 - PT1716 Krubong Industrial Park **75250 MELAKA** MALAYSIA Additional information Standard DIP-4 enclosure. Maximum required withstand voltage is 2.5 kV which represents OVC II max. 250 Vrms (reinforced insulation). Maximum required withstand voltage is 4.0 kV which represents OVC III max. 300 Vrms (basic / supplementary insulation). Internal clearance and creepage distance between input and output is 5.0 mm. External clearance and creepage distance between input and output is 7.4 mm. The optocouplers were subjected to an electric strength test between input and output of 2830 V a.c / 1 min (basic / supplementary: OVC III max. 300 V) and 3000 V a.c. / 1 min (reinforced: OVC II max. 250 V). Distance through insulation between input and output is more than 0.4 mm, measured a minimum of 0.60 mm. After judgement from case to case, the optocouplers may bridge functional, basic, supplementary and/or reinforced insulation, or may be used in other environments, provided that the ratings are not exceeded in normal operation. Is based on test 249476-5