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| VT LOOP TEST :  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | | **PANEL : VT TER. BOX** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | | **VT- BOX** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | | **VR- N** | **1r2, 1rn** |  | **X62: 22, 46** |  | **X62: 21, 45** |  | **X62: 20, 44** |  | **X62: 19, 43** |  | | **VY- N** | **1y2, 1yn** |  | **X62: 30, 46** |  | **X62: 29, 45** |  | **X62: 28, 44** |  | **X62: 27, 43** |  | | **VB- N** | **1b2, 1bn** |  | **X62: 38, 46** |  | **X62: 37, 45** |  | **X62: 36, 44** |  | **X62: 35, 43** |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | | **PANEL : VT TER. BOX** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | | **VT- BOX** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | | **VR- VY** | **1r2, 1y2** |  | **X62: 22, 30** |  | **X62: 21, 29** |  | **X62: 20, 28** |  | **X62: 19, 27** |  | | **VY- VB** | **1y2, 1b2** |  | **X62: 30, 38** |  | **X62: 29, 37** |  | **X62: 28, 36** |  | **X62: 27, 35** |  | | **VB- VR** | **1b2, 1r2** |  | **X62: 38, 22** |  | **X62: 37, 21** |  | **X62: 36, 20** |  | **X62: 35, 19** |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | | **PANEL : VT TER. BOX** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | | **VT- BOX** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | | **VR- N** | **2r2, 2rn** |  | **X62: 18, 42** |  | **X62: 17, 41** |  | **X62: 16, 40** |  | **X62: 15, 39** |  | | **VY- N** | **2y2, 2yn** |  | **X62: 26, 42** |  | **X62: 25, 41** |  | **X62: 24, 40** |  | **X62: 23, 39** |  | | **VB- N** | **2b2, 2bn** |  | **X62: 34, 42** |  | **X62: 33, 41** |  | **X62: 32, 40** |  | **X62: 31, 39** |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | | **PANEL : VT TER. BOX** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | | **VT- BOX** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | | **VR- VY** | **2r2, 2y2** |  | **X62: 18, 26** |  | **X62: 17, 25** |  | **X62: 16, 24** |  | **X62: 15, 23** |  | | **VY- VR** | **2y2, 2b2** |  | **X62: 26, 34** |  | **X62: 25, 33** |  | **X62: 24, 32** |  | **X62: 23, 31** |  | | **VB- VY** | **2b2, 2r2** |  | **X62: 34, 18** |  | **X62: 33, 17** |  | **X62: 32, 16** |  | **X62: 31, 15** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **CONDITION F21 OFF** | | **CONDITION F21 ON** | | **CONDITION F22 OFF** | | **CONDITION F22 ON** | | **CONDITION F23 OFF** | | **CONDITION F23 ON** | | | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | | **VR- N** | **X62: 47, 50** |  | **X62: 47, 50** |  | **X62: 51, 54** |  | **X62: 51, 54** |  | **X62: 55, 58** |  | **X62: 55, 58** |  | | **VY- N** | **X62: 48, 50** |  | **X62: 48, 50** |  | **X62: 52, 54** |  | **X62: 52, 54** |  | **X62: 56, 58** |  | **X62: 56, 58** |  | | **VB- N** | **X62: 49, 50** |  | **X62: 49, 50** |  | **X62: 53, 54** |  | **X62: 53, 54** |  | **X62: 57, 58** |  | **X62: 57, 58** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **CONDITION F21 OFF** | | **CONDITION F21 ON** | | **CONDITION F22 OFF** | | **CONDITION F22 ON** | | **CONDITION F23 OFF** | | **CONDITION F23 ON** | | | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | | **VR- VY** | **X62: 47, 48** |  | **X62: 47, 48** |  | **X62: 51, 52** |  | **X62: 51, 52** |  | **X62: 55, 56** |  | **X62: 55, 56** |  | | **VY- VB** | **X62: 48, 49** |  | **X62: 48, 49** |  | **X62: 52, 53** |  | **X62: 52, 53** |  | **X62: 56, 57** |  | **X62: 56, 57** |  | | **VB- VR** | **X62: 49, 47** |  | **X62: 49, 47** |  | **X62: 53, 51** |  | **X62: 53, 51** |  | **X62: 57, 55** |  | **X62: 57, 55** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **CONDITION F24 OFF** | | **CONDITION F24 ON** | | **CONDITION F25 OFF** | | **CONDITION F25 ON** | | **CONDITION F26 OFF** | | **CONDITION F26 ON** | | | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | | **PANEL :D07** | | **PANEL :D07** | | **PANEL :D07** | | **PANEL :D07** | | **PANEL :D07** | | **PANEL :D07** | | | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | | **VR- N** | **X62: 59, 62** |  | **X62: 59, 62** |  | **X62: 63, 66** |  | **X62: 63, 66** |  | **X62: 67, 70** |  | **X62: 67, 70** |  | | **VY- N** | **X62: 60, 62** |  | **X62: 60, 62** |  | **X62: 64, 66** |  | **X62: 64, 66** |  | **X62: 68, 70** |  | **X62: 68, 70** |  | | **VB- N** | **X62: 61, 62** |  | **X62: 61, 62** |  | **X62: 65, 66** |  | **X62: 65, 66** |  | **X62: 69, 70** |  | **X62: 69, 70** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **CONDITION F24 OFF** | | **CONDITION F24 ON** | | **CONDITION F25 OFF** | | **CONDITION F25 ON** | | **CONDITION F26 OFF** | | **CONDITION F26 ON** | | | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | | **VR- VY** | **X62: 59, 60** |  | **X62: 59, 60** |  | **X62: 63, 64** |  | **X62: 63, 64** |  | **X62: 67, 68** |  | **X62: 67, 68** |  | | **VY- VB** | **X62: 60, 61** |  | **X62: 60, 61** |  | **X62: 64, 65** |  | **X62: 64, 65** |  | **X62: 68, 69** |  | **X62: 68, 69** |  | | **VB- VR** | **X62: 61, 59** |  | **X62: 61, 59** |  | **X62: 65, 63** |  | **X62: 65, 63** |  | **X62: 69, 67** |  | **X62: 69, 67** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **CONDITION F27 OFF** | | **CONDITION F27 ON** | | **CONDITION F28 OFF** | | **CONDITION F28 ON** | |  | |  | | | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | |  | |  | | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | |  | |  | | | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** |  |  |  |  | | **VR- N** | **X62: 71, 74** |  | **X62: 71, 74** |  | **X62: 75, 78** |  | **X62: 75, 78** |  |  |  |  |  | | **VY- N** | **X62: 72, 74** |  | **X62: 72, 74** |  | **X62: 76, 78** |  | **X62: 76, 78** |  |  |  |  |  | | **VB- N** | **X62: 73, 74** |  | **X62: 73, 74** |  | **X62: 77, 78** |  | **X62: 77, 78** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **CONDITION F27 OFF** | | **CONDITION F27 ON** | | **CONDITION F28 OFF** | | **CONDITION F28 ON** | |  | |  | | | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | |  | |  | | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | | **PANEL : D07** | |  | |  | | | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** |  |  |  |  | | **VR- VY** | **X62: 71, 72** |  | **X62: 71, 72** |  | **X62: 75, 76** |  | **X62: 75, 76** |  |  |  |  |  | | **VY- VB** | **X62: 72, 73** |  | **X62: 72, 73** |  | **X62: 76, 77** |  | **X62: 76, 77** |  |  |  |  |  | | **VB- VR** | **X62: 73, 71** |  | **X62: 73, 71** |  | **X62: 77, 75** |  | **X62: 77, 75** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **CONDITION F21 ON** | | **CONDITION F21 ON** | | **CONDITION F21 ON** | | **CONDITION F21 ON** | | | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | | **PANEL: D07** | | **PANEL: FR03** | | **PANEL: FR03** | | **PANEL: FR03** | | | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | | **VR- N** | **X62 : 47, 50** |  | **TB1.2 : 1, 4** |  | **TS2: 1, 7** |  | **DAU1#1TB2: 1, 6** |  | | **VY- N** | **X62 : 48, 50** |  | **TB1.2 : 2, 4** |  | **TS2: 3, 7** |  | **DAU1#1TB2: 3, 6** |  | | **VB- N** | **X62 : 49, 50** |  | **TB1.2 : 3, 4** |  | **TS2: 5, 7** |  | **DAU1#1TB2: 5, 6** |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **CONDITION F21 ON** | | **CONDITION F21 ON** | | **CONDITION F21 ON** | | **CONDITION F21 ON** | | | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | | **PANEL: D07** | | **PANEL: FR03** | | **PANEL: FR03** | | **PANEL: FR03** | | | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | | **VR- VY** | **X62 : 47, 57** |  | **TB1.2 : 1, 2** |  | **TS2: 1, 3** |  | **DAU1#1TB2: 1, 3** |  | | **VY- VB** | **X62 : 48, 49** |  | **TB1.2 : 2, 3** |  | **TS2: 3, 5** |  | **DAU1#1TB2: 3, 5** |  | | **VB- VR** | **X62 : 49, 47** |  | **TB1.2 : 3, 1** |  | **TS2: 5, 1** |  | **DAU1#1TB2: 5, 1** |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **CONDITION F23 ON** | | **CONDITION F23 ON** | | **CONDITION F23 ON** | |  | | | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | |  | | | **PANEL: D07** | | **PANEL: D07** | | **PANEL: SYD01** | |  | | | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** |  |  | | **VY- N** | **X62 : 56, 58** |  | **XP1 : 10, 12** |  | **X2 : 31, 32** |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **CONDITION F24 ON** | | **CONDITION F24 ON** | | **CONDITION F24 ON** | | **CONDITION F24 ON** | | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **PANEL: D07** | | **PANEL: D07** | | **PANEL: D07** | | **DIGITAL METER READINGS** | | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **VALUE** | | **VR- N** | **X62 : 59, 62** |  | **TT1 : 1, 7** |  | **MM : V1, VREF** |  | **kVL-N** | | **VY- N** | **X62 : 60, 62** |  | **TT1 : 3, 7** |  | **MM : V2, VREF** |  | **kVL-N** | | **VB- N** | **X62 : 61, 62** |  | **TT1 : 5, 7** |  | **MM : V3, VREF** |  | **kVL-N** |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **CONDITION F24 ON** | | **CONDITION F24 ON** | | **CONDITION F24 ON** | | **CONDITION F24 ON** | | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **PANEL: D07** | | **PANEL: D07** | | **PANEL: D07** | | **PANEL: D07** | | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **VALUE** | | **VR- VY** | **X62 : 59, 60** |  | **TT1 : 1, 3** |  | **MM : V1, V2** |  | **kVL-L** | | **VY- VB** | **X62 : 60, 61** |  | **TT1 : 3, 5** |  | **MM : V2, V3** |  | **kVL-L** | | **VB- VR** | **X62 : 61, 59** |  | **TT1 : 5, 1** |  | **MM : V3, V1** |  | **kVL-L** |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **CONDITION F25 ON** | | **CONDITION F25 ON** | | **CONDITION F25 ON** | | **CONDITION F25 ON** | | | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | | **PANEL: D07** | | **PANEL: RD.M2** | | **PANEL: RD.M2** | | **PANEL: RD.M2 – A1** | | | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | | **VR- N** | **X62 : 63, 66** |  | **X2A : 1, 4** |  | **TS2 : 1, 7** |  | **EM1 : 2, 11** |  | | **VY- N** | **X62 : 64, 66** |  | **X2A : 2, 4** |  | **TS2 : 3, 7** |  | **EM1 : 5, 11** |  | | **VB- N** | **X62 : 65, 66** |  | **X2A : 3, 4** |  | **TS2 : 5, 7** |  | **EM1 : 8, 11** |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **CONDITION F25 ON** | | **CONDITION F25 ON** | | **CONDITION F25 ON** | | **CONDITION F25 ON** | | | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | | **PANEL: D07** | | **PANEL: RD.M2** | | **PANEL: RD.M2** | | **PANEL: RD.M2** | | | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | | **VR- VY** | **X62 : 63, 64** |  | **X2A : 1, 2** |  | **TS2 : 1, 3** |  | **EM1 : 2, 5** |  | | **VY- VB** | **X62 : 64, 65** |  | **X2A : 2, 3** |  | **TS2 : 3, 5** |  | **EM1 : 5, 8** |  | | **VB- VR** | **X62 : 65, 63** |  | **X2A : 3, 1** |  | **TS2 : 5, 1** |  | **EM1 : 8, 2** |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **CONDITION F27 ON** | | **CONDITION F27 ON** | | **CONDITION F27 ON** | | **CONDITION F27 ON** | | | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | | | **PANEL: D07** | | **PANEL: D07** | | **PANEL: D07 BCU** | | **BCU READINGS** | | | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** | **PRIMARY** | **SECONDARY** | | **VR- N** | **X62 : 71, 74** |  | **TT2 : 3A, 6A** |  | **X401 : 13, 18** |  | **kV** | **V** | | **VY- N** | **X62 : 72, 74** |  | **TT2 : 4A, 6A** |  | **X401 : 15, 18** |  | **kV** | **V** | | **VB- N** | **X62 : 73, 74** |  | **TT2 : 5A, 6A** |  | **X401 : 17, 18** |  | **kV** | **V** |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PHASE** | **CONDITION F27 ON** | | **CONDITION F27 ON** | | **CONDITION F27 ON** | |  | | | **APPLIED VOLTAGE** | | **MEASURED VOLTAGE** | | **MEASURED VOLTAGE** | |  | | | **PANEL: D07** | | **PANEL: D07** | | **PANEL: D07 BCU** | |  | | | **T.B** | **VALUE** | **T.B** | **VALUE** | **T.B** | **VALUE** |  |  | | **VR- VY** | **X62 : 71, 72** |  | **TT2 : 3A, 4A** |  | **X401 : 13, 15** |  |  |  | | **VY- VB** | **X62 : 72, 73** |  | **TT2 : 4A, 5A** |  | **X401 : 15, 17** |  |  |  | | **VB- VR** | **X62 : 73, 71** |  | **TT2 : 5A, 3A** |  | **X401 : 17, 13** |  |  |  | |