

QUALITY MANAGEMENT SYSTEM

ISO 9001

CERTIFIED TO MEET ISO 9001

CERTIFICATE OF CONFORMITY

We hereby certify that our quality management system is certified to meet ISO 9001 (Quality Management System), and that this product was produced in conformity to the system which assures that the product meets its published specifications.

We further certify that this product was tested and calibrated in accordance with the Kyoritsu calibration procedures during the manufacturing process. These calibration procedures are also based on the standard of ISO 9001.

It is certified that the standards and devices used for the test and calibration are traceable in accordance with National Standard in Japan.

The test results obtained during the manufacturing process for this product is as follows:

VZOR

Quality Assurance Manager

Takehiro Shiraishi



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KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.

No.5-20,Nakane 2-chome, Meguro-ku,

Tokyo, 152-0031 Japan

Phone: +81-3-3723-0131 Fax: +81-3-3723-0152

URL: <http://www.kew-ltd.co.jp>

CERTIFICATE OF CALIBRATION

Instruments Details

Model Number: 6516
 Description: Multi Function Tester
 Serial Number: 0000770
 Date of Manufacture: 22, Mar, 2021

Reference Test Condition

Ambient Temperature: 23C+/-5C Relative Humidity: 45-75%
 AC Power Source: Sine wave (Distortion is 1% or less)
 DC Power Source: Smoothing ripple factor is 1% or less

Traceability Information

KEW Continuity Insulation Resistance Testing System Processor No. GS-181
 KEW LOOP Resistance Testing System Processor No. GS-182
 KEW RCD Testing System Processor No. GS-184
 KEW EARTH Resistance Testing System Processor No. GS-185

| | Function Range Mode | Applied Value | Permissible Range | Measured Result | Pass/Fail | |
|------------------------------|------------------------------------|------------------------------|-------------------|-----------------|-----------|------|
| Cont/Insu | CONT_20 Ω_15mA_100_Ω | 100.0 | 10.52-20.48 | 19.96 | pass | |
| | CONT_2000 Ω_15mA_900 | 1,900 | 1,800-1,946 | 1,903 | pass | |
| | CONT_OutmA_20 Ω_20mA_70_mA | 27 | 20-300 | 269 | pass | |
| | INS_2M Ω_100V_2,000_Ω | 2,000 | 1,905-2,045 | 2,002 | pass | |
| | INS_20M Ω_250V_19,000_Ω | 19,000 | 18,100-19,400 | 19,070 | pass | |
| | INS_200M Ω_500V_190,0_M Ω | 190.0 | 185.7-194.3 | 191.3 | pass | |
| | INS_2000M Ω_1000V_1900_M Ω | 1,900 | 1,800-2,000 | 1,909 | pass | |
| | INS_OutVolt_20M Ω_1000V_1000_V | 1,000 | 1,000-1,200 | 1,133 | pass | |
| | INS_OutVolt_M_2000M Ω_1000V_1000_V | 1,000 | 1,000-1,200 | 1,127 | pass | |
| | INS_OutmA_20M Ω_1000V_1,00_mA | 1.00 | 1.00-1.20 | 1.13 | pass | |
| | INS_OutmA_0 Ω_20M Ω_1000V_1,00_mA | 1.00 | 1.00-1.50 | 1.40 | pass | |
| | EARTH | EARTH_2W_20 Ω_19,00_Ω | 19.00 | 18.54-19.46 | 18.94 | pass |
| EARTH_3W_20 Ω_19,00_Ω | | 19.00 | 18.54-19.46 | 18.96 | pass | |
| EARTH_3W_OutmA_20 Ω_3,0_mA | | 3.0 | 2.4-3.6 | 2.8 | pass | |
| Loop_230 | LOOP_ATT_3W_200 Ω_100,0_Ω | 100.0 | 96.4-103.6 | 100.0 | pass | |
| | LOOP_ATT_2W_200 Ω_100,0_Ω | 100.0 | 96.9-103.1 | 100.1 | pass | |
| | LOOP_HIGH_0.01 Ω Res_20 Ω_0.14_Ω | 0.14 | 0.10-0.18 | 0.14 | pass | |
| | LOOP_HIGH_0.01 Ω Res_2000 Ω_1800_Ω | 1,800 | 1,742-1,858 | 1,798 | pass | |
| Loop_400 RCD | RCD_Uc_UL50V_G-AC_x1_30mA_30,0_V | 30.00 | 30.70-35.30 | 33.00 | pass | |
| | LOOP_HIGH_L-N/L-L_20 Ω_0.19_Ω | 0.19 | 0.11-0.27 | 0.18 | pass | |
| | RCD_G-AC_x1/2_100mA_0°_50,00_mA | 50.00 | 46.00-49.00 | 48.48 | pass | |
| | RCD_G-AC_x1_100mA_0°_100,0_mA | 100.0 | 102.0-108.0 | 106.6 | pass | |
| | RCD_G-AC_x1_1000mA_0°_1000_mA | 1,000 | 1,020-1,080 | 1,057 | pass | |
| | RCD_G-AC_Auto_30mA_0°_33,00_mA | 33.00 | 31.68-34.32 | 33.11 | pass | |
| | RCD_G-A_x1_30mA_0°_25,37_mA | 25.37 | 25.37-27.90 | 26.80 | pass | |
| | RCD_G-B_x1_300mA_0°_600,0_mA | 630.0 | 600.0-660.0 | 633.1 | pass | |
| | VOLT | VOLT_L-PE_300V_300,0_V_50 Hz | 300.0 | 293.6-306.4 | 300.0 | pass |
| | | VOLT_L-N_300V_300,0_V_50 Hz | 300.0 | 293.6-306.4 | 300.0 | pass |
| VOLT_N-PE_300V_300,0_V_50 Hz | | 300.0 | 293.6-306.4 | 300.0 | pass | |