
Handling for China RoHS 2 of Power Management Meters and
Energy Saving Supporting Devices

The revised version of “Administrative Measure on the Control of Pollution Caused by Electronic Information Products” (known as China RoHS 2) was published and the new regulation was enforced on July 1st, 2016.

According to the new regulation, all products shipped or brought to China have to be marked as to whether products contain the hazardous substance or not, and provide the information of the substance.

To follow the new regulation, we would like to inform you the handling for China RoHS 2 as below. Your continuous cooperation and understanding on this matter would be highly appreciated.

1. Applicable products

Power Management Meters and Energy Saving Supporting Devices (please refer the table1 for detail model name)

※In case that products are installed in the machine, equipment or panel, there is no need to mark China RoHS 2 on products even if it is applicable model.

2. How to order China RoHS 2 compliant products

Please specify “China RoHS 2” when you order the product.



※Without any specification, products is shipped out without China RoHS 2 marking.

Regardless of whether the product is compliant with China RoHS or not, containing level of hazardous substance is same.

3. Change details

(1) Mark on products

According to the containing level of hazardous substance, one of the following logo is marked on products.

| Not contain the hazardous substance | Contain the hazardous substance | Contents of mark |
|---|---|---|
|  |  | <p>In case that the hazardous substance doesn't exceed the regulatory value, "e" is marked. At least, one of hazardous substance exceeds the regulatory value, "environmental protection use period* (as indicated by the number in the center)" is marked.</p> <p>* environmental protection use period: The period which the hazardous substances will not leak or mutate suddenly under normal operating conditions and not cause serious environmental pollution or damage to the user body and their assets during normal use.</p> |

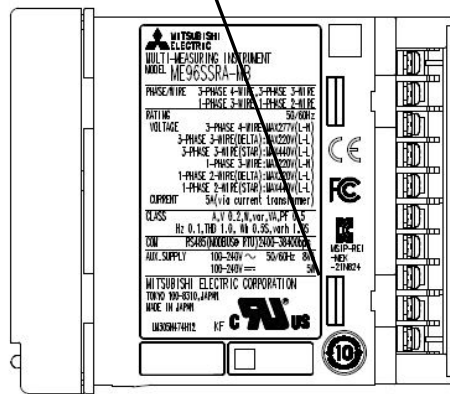


Figure1.

Marking example of electronic multi-measuring instrument (model name: ME96SSRA-MB)

(2) List of hazardous substances in the instruction

In case that the hazardous substance is contained, the instruction which lists the names and contents of the hazardous substances is supplied with the product.

4. Time of change

From the production of July 2016

Table 1

Applicable products of measuring instrument and energy saving support equipment are as below.

| No. | Product | Type | |
|-----|---------------------------------------|---|---|
| 1 | Electronic Watthour Meters | M7P-K30VR, M8P-K30VR, M9P-K30VR, WP3P-K30VR, WP4P-K30VR, WV3P-K30VR, WV4P-K30VR, M7P-K30VR-TD, M8P-K30VR-TD, WP3P-K30VR-TD, WV3P-K30VR-TD | |
| 2 | Watthour Meters | M1LM, M1LM-K5, M1LM-K11, M1LM-K12R, M2LM, M2LM-K5, M2LM-K11, M2LM-K12R, M3LM, M3LM-K5, M3LM-K11, M3LM-K12R M1LHM, M1LHM-K5, M1LHM-K11, M1LHM-K12R, M2LHM, M2LHM-K5, M2LHM-K11, M2LHM-K12R, M3LHM, M3LHM-K5, M3LHM-K11, M3LHM-K12R M1LHM-V, M1LHM-K5V, M1LHM-K11V, M1LHM-K12VR, M2LHM-V, M2LHM-K5V, M2LHM-K11V, M2LHM-K12VR, M3LHM-V, M3LHM-K5V, M3LHM-K11V, M3LHM-K12VR | |
| 3 | Instrument Transformers | CW-5L, CW-15L, CW-40L, CW-5LP, CW-15LP, CW-40LP, CW-15LM, CW-40LM, CW-15LS, CW-15LMS, CW-5LS3, CW-5LMS3, PE-15, PE-15F, PE-50, PE-50F, PD-50H, PD-50HF, PD-100H, PD-100HF(1000V 以下) | |
| 4 | Electronic Multi-measuring Instrument | ME110SSR, ME110SSR-4APH, ME110SSR-4AP, ME110SSR-4A2P, ME110SSR-C, ME110SSR-CH, ME110SSR-MB ME96SSHA-MB(※), ME96SSRA-MB(※), ME96SSEA-MB(※), ME96SSH-MB(※), ME96SSR-MB(※), ME96SSE-MB(※), ME-4210-SS96(※), ME-0040C-SS96(※), ME-0052-SS96(※), ME-0000BU-SS96(※), | |
| 5 | Electrical Indicators | DC Ammeters | YM-206NDA, YM-208NDA, YM-210NDA, YM-8NDA, YM-10NDA, YM-12NDA, LM-80NDA, LM-110NDA |
| | | DC Voltmeters | YM-206NDV, YM-208NDV, YM-210NDV, YM-8NDV, YM-10NDV, YM-12NDV, LM-80NDV, LM-110NDV |
| | | AC Ammeters | YS-206NAA, YS-208NAA, YS-210NAA, YS-8NAA, YS-10NAA, YS-12NAA, LS-80NAA, LS-110NAA YR-206NAA, YR-208NAA, YR-210NAA, YR-8NAA, YR-10NAA, YR-12NAA, LR-80NAA, LR-110NAA |
| | | AC Voltmeters | YS-206NAV, YS-208NAV, YS-210NAV, YS-8NAV, YS-10NAV, YS-12NAV, LS-80NAV, LS-110NAV, YR-206NAV, YR-208NAV, YR-210NAV, YR-8NAV, YR-10NAV, YR-12NAV, LR-80NAV, LR-110NAV |
| | | Wattmeters | YP-206NW, YP-208NW, YP-210NW, YP-8NW, YP-10NW, YP-12NW, LP-80NW, LP-110NW |
| | | Varmeters | YP-206NVAR, YP-208NVAR, YP-210NVAR, YP-8NVAR, YP-10NVAR, YP-12NVAR, LP-80NVAR, LP-110NVAR |
| | | Power Factor Meters | YP-206NPF, YP-208NPF, YP-210NPF, YP-8NPF, YP-10NPF, YP-12NPF, LP-80NPF, LP-110NPF, YP-206NPFU, YP-208NPFU, YP-210NPFU, YP-8NPFU, YP-10NPFU, YP-12NPFU, LP-80NPFU, LP-110NPFU |

The product marked (※) is compliant to China RoHS as standard

| No. | Product | | Type |
|-----|-------------------------------------|---|---|
| 5 | Electrical Indicators | Frequency Meters | YP-206NF, YP-208NF, YP-210NF, YP-8NF, YP-10NF, YP-12NF, LP-80NF, LP-110NF |
| | | Receiving Indicators | YM-206NRI, YM-208NRI, YM-210NRI, YM-8NRI, YM-10NRI, YM-12NRI, LM-80NRI, LM-110NRI, YR-206NRI, YR-208NRI, YR-210NRI, YR-8NRI, YR-10NRI, YR-12NRI, LR-80NRI, LR-110NRI |
| | | Indicators with Changeover Switch | YR-8UNAA, YR-10UNAA, YR-12UNAA, YR-8UNAV, YR-10UNAV, YR-12UNAV |
| | | Meter Relays | YM-210MRNDA, YM-210MRHND, LM-11MRNDA, LM-11MRHND, YM-210MRNDV, YM-210MRHNDV, LM-11MRNDV, LM-11MRHNDV, YR-210MRNAA, YR-210MRHAA, LR-11MRNAA, LR-11MRHAA, YR-210MRNAV, YR-210MRHNAV, LR-11MRNAV, LR-11MRHNAV, YM-210MRNW, YM-210MRHNW, LM-11MRNW, LM-11MRHNW, YM-210MRNVAR, YM-210MRHNVAR, LM-11MRNVAR, LM-11MRHNVAR, YM-210MRNPF, YM-210MRHNP, LM-11MRNPF, LM-11MRHNPF, YM-210MRNPFU, YM-210MRHNPFU, LM-11MRNPFU, LM-11MRHNPFU, YM-210MRNF, YM-210MRHNF, LM-11MRNF, LM-11MRHNF, YM-210MRNRI, YM-210MRHRI, LM-11MRNRI, LM-11MRHRI |
| | | Indicators with Maximum and Minimum Needles | LM-11ZNDA, LM-11YNDA, LM-11ZNAA, LM-11YNAA, LM-11ZNAV, LM-11YNAV, LM-11ZNRI, LM-11YNRI |
| | | Special Application Meters | LM-11NGD, LI-11NSY, LI-11NPF, LM-11NE |
| | | Bar-shaped Indicators | FM-210SN, FM-213SN, FM-215SN, FM-217SN FM-210DN, FM-213DN, FM-215DN, FM-217DN FR-210SN, FR-213SN, FR-215SN, FR-217SN |
| 6 | Transducers | | T-51HAA, T-51HSS, T-51HAV, T-101HW, T-101HVAR, T-101HPA(U), T-101HPF(U), T-51HF, T-51LGF, T-51WWH, T-120M, T-120HA |
| 7 | Pulse Converters and Pulse Combiner | Pulse Converters | QRE-10, QRE-30 |
| | | Pulse Combiner | TZE-810 |
| 8 | Automatic Power Factor Controller | | VAR-6A, VAR-12A |

The product marked (※) is compliant to China RoHS as standard

| No. | Product | Type | | | |
|-----|---------------------------------------|-------------------------------|--|---|--|
| 9 | Energy Measuring Units | EcoMonitorPlus | EMU4-BM1-MB, EMU4-HM1-MB, EMU4-LG1-MB, EMU4-VA2, EMU4-A2, EMU4-D65 | | |
| | | EcoMonitorLight | EMU4-BD1-MB, EMU4-HD1-MB, EMU4-LM, EMU4-CM-C, EMU4-SD2GB, EMU4-BT | | |
| | | EcoMonitorPro | EMU2-RD3-F, EMU2-RD5-F, EMU2-RD7-F, EMU2-RD3-C, EMU2-RD5-C, EMU2-RD7-C, EMU2-RD2-F-4W, EMU2-RD4-F-4W, EMU2-RD2-C-4W, EMU2-RD4-C-4W, EMU2-CM-C, EMU2-D65, EMU2-D65-M, EMU2-D110 | | |
| | | EMU3 series | EMU3-DP1-P, EMU3-DP1-C | | |
| | | EcoMonitorII | EMU-F7P4-6, EMU-C7P4-6-A | | |
| | | Split-type Current Sensor | EMU2-CT5, EMU2-CT5-4W, EMU-CT50, EMU-CT100, EMU-CT250, EMU-CT5-A, EMU-CT50-A, EMU-CT100-A, EMU-CT250-A, EMU-CT400-A, EMU-CT600-A | | |
| | | Current Sensor Cable | EMU2-CB1-DR, EMU2-CB1-DR-4W, EMU2-CB-Q5B, EMU2-CB-Q5B-4W, EMU2-CB-Q5A, EMU2-CB-Q5A-4W | | |
| | | Extension Cable | EMU2-CB-T1M, EMU2-CB-T1MS, EMU2-CB-T5M, EMU2-CB-T5MS, EMU2-CB-T10M, EMU2-CB-T10MS, EMU2-CB-T20M | | |
| | | Display Unit Connecting Cable | EMU2-CB1-DP | | |
| | | Supply Cable | EMU4-CB-DPS | | |
| 10 | Energy saving Data Collecting Servers | Cable for Panel Installation | EMU3-CB-D1M, EMU3-CB-D3M, EMU3-CB-D5M, EMU3-CB-D10M | | |
| | | EcoWebServerIII | MES3-255C-CN(※), MES3-255C-DM-CN(※) MES3-255C-EN, MES3-255C-DM-EN | | |
| | | Application Software | Daily/Monthly Report Software (with USB Hardware Key) | MES3-SW1-BUMDR-FR(※) | |
| | | | Programmable Controllers MELSEC | Energy Measuring Module | QE81WH, QE81WH4W, QE83WH4W, QE84WH, QE8WH4VT |
| | | | | Insulation Monitoring Module | QE82LG |
| | | | Split-type Zero-phase Current Converter | CZ-22S, CZ-30S, CZ-55S, CZ-77S, CZ-112S | |

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