



UNIT STANDARD, PENGUJIAN DAN MAKMAL
CAWANGAN KEJURUTERAAN ELEKTRIK
IBU PEJABAT JKR MALAYSIA

TECHNICAL INFORMATION ON POWER FACTOR REGULATOR

A. COMPANY

- 1. Name of Company :
- 2. Address :
- 3. Telephone No :
- 4. Faxes No :
- 5. ST Registration No :
- 6. Validity Date of Registration :
- 7. ISO Certified Company : Yes No
- 8. ISO Registration No. :

B. PRODUCT INFORMATION

- 1. Brand Name :
- 2. Model No :
- 3. Rated Current / Voltage :
- 4. IP No. :
- 5. Test Certificate No :
(SIRIM/International Approved Test Labs)

Please Tick: Yes No - Office use

C. PRODUCT SPECIFICATION

1. Regulator Characteristics :

- 1.1 Microprocessor based, solid state in construction, compact, easy to install utilize : Yes No
- 1.2 Automatic / or manual step in or step out various capacitors capable of correcting the power factor to the required pre-set level : Yes No
- 1.3 Insentive to harmonics interferences / disturbances : Yes No

2. Regulator Step :

- 2.1 6 step regulators : Yes No
- 2.2 12 step regulator : Yes No
- 2.3 Others (please specify) :
- 2.4 No voltage trip and zero current trip facility available : Yes No
- 2.5 Facility of switching off all capacitors stages until a complete discharge due to voltage loss of 15ms or current loss longer than 3 sec is achieved Yes No

3. Switching Sequence :

- 3.1 1 : 1 : 1 : 1 : 1 : Yes No
- 3.2 1 : 2 : 2 : 2 : 2 : Yes No
- 3.3 1 : 2 : 4 : 4 : 4 : Yes No
- 3.4 1 : 2 : 4 : 8 : 8 : Yes No
- 3.5 Others (please specify) :

4. Setting and Visual Display :

- 4.1 Continous digital actual power factor : (0.00 Inductive – 1,00-0.00 capacitive) Yes No
- 4.2 Capacitor step indication : Yes No
- 4.3 C/K inductive setting and visual display : Yes No

- 4.4 C/K capacitive setting and visual display : Yes No
- 4.5 Target power factor setting and visual display : Yes No
(0.8 Inductive – 1.00-0.00 capacitive)
- 4.6 Operation relay setting and visual display : Yes No
(5 sec to 300 sec)
- 4.7 Active current visual display : Yes No
- 4.8 Harmonic content visual display : Yes No
(5th, 7th, 11th, harmonics ... on voltage)
- 4.9 Flashing visual display when alarm is activated : Yes No

5. Alarm

- 5.1 Provided with power factor alarm : Yes No
- 5.2 Provided with harmonic alarm : Yes No
- 5.3 Provided with over current : Yes No

6. Mode of Operation :

Specify the mode of Operation

- 6.1
- 6.2
- 6.3

7. Others :

Please specify :

- 7.1
- 7.2
- 7.3

D. OTHERS (please specify)

1.
2.

E PENGAKUAN :

Adalah saya dengan ini mengishtiharkan segala keterangan yang diberi bagi produk di atas adalah benar. Jika saya didapati membuat pengakuan palsu maka tindakan seterusnya boleh diambil oleh pihak JKR ke atas diri saya.

Cop Syarikat :

Nama :

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Jawatan :

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T/tangan :

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Tarikh :

ULASAN: (UNTUK KEGUNAAN PEJABAT USP&M)

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***NOTA:**

Untuk diisikan seperti berikut:

- LULUS - KANDAS