

Dagangan: 160. AUTOMATIC VOLTAGE REGULATOR Trade Name: Automatic Voltage Regulator Brand : MR Model : VC 100 BU	Kod Tarif : 9032.89.100
Keterangan : i. Barangan merupakan satu <i>casing</i> yang berukuran 30 X 20 x 12 cm (L x W x D) dan mempunyai berat sebanyak lebih kurang 3-4 kg. ii. Barang adalah terdiri daripada <i>LC display, LED lamps, PCB circuit board, function keys, slide switches</i> dan <i>scroll wheel</i>. iii. Mengikut penerangan oleh pemohon, barangan adalah dipasang di dalam <i>local control panel</i> dan digunakan untuk <i>automatic controlling and regulating of transformer voltage output</i>. iv. Cara <i>control</i> dan <i>regulate</i> adalah seperti berikut : - Barangan menerima <i>actual output voltage</i> daripada <i>on-load tap-changer</i> (OLTC) dan dibandingkan dengan <i>reference voltage</i> iaitu <i>preset voltage</i> yang dikehendaki. OLTC adalah alat atau <i>actuator</i> yang terletak di dalam <i>transformer</i> untuk mengawal output voltage. - Barangan kemudiannya menghantar <i>signal</i> elektrik (voltage yang dikehendaki) kepada <i>motor drive</i> di mana ia akan ditukar kepada <i>mechanical signal</i> supaya OLTC dapat menukar <i>tap position</i> ke paras <i>output voltage</i> yang dikehendaki. - OLTC berfungsi sebagai alat pengukur <i>output voltage</i> sebenar dan juga <i>actuator</i>. v. Kegunaan barangan adalah <i>automatic control of transformers with motor driven OLTC. The mechanical motor drive mechanism receives the corresponding control signals from the voltage regulator. With these signals, the OLTC moves to the next position and the transformer's voltage value is adapted to the preset desired voltage level.</i> <u>Fakta :</u> i. <i>Automatic control of output voltage</i> ii. Barangan tidak dilengkapi dengan <i>measuring device</i> tetapi masih diliputi oleh skop keterangan di bawah kepala 90.32 mengikut EN 2007, m.s XVII-9032-4 seperti berikut : <i>The automatic regulators of this heading are intended for use in complete automatic control systems which are designed to bring a quantity, electrical or non-electrical, to, and maintain it at, a desired value, stabilised against any disturbances, by constantly or periodically measuring its actual value. They consist essentially of the following devices :</i>	

(A) A measuring device (sensing device, converter, resistance probe, thermocouple, etc.) which determines the actual value of the variable to be controlled and converts it into a proportional electrical signal.

(B) An electrical control device which compares the measured value with the desired value and gives a signal (generally in the form of a modulated current).

(C) A starting, stopping or operating device (generally contacts, switches or circuit breakers, reversing switches or, sometimes, relay switches) which supplies current to an actuator in accordance with the signal received from the control device.

If they do not conform to the definitions outlined above, these devices are to be classified as follows :

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(2) Electrical control devices are to be classified in this heading as incomplete automatically controlling instruments or apparatus.
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Ketetapan :

Mesyuarat Panel Penetapan Penjenisan (Ketetapan Kastam) Bil. 43/2009 memutuskan barangan ini sesuai dipenjeniskan mengikut **General Interpretation Rule 1 dan 6** di bawah kod tarif **9032.89.100** sebagai *electrically operated automatic regulator* berdasarkan alasan-alasan berikut :-

- i. *Automatic control of output voltage*
- ii Barangan tidak dilengkapi dengan *measuring device* tetapi masih diliputi oleh skop keterangan di bawah kepala 90.32 mengikut EN 2007, m.s XVII-9032-4.
- iii. Barangan seakan-akan sama pernah diperjeniskan di bawah kod tarif yang sama melalui surat penjenisan Ibu Pejabat KE.HE(96)90.32/SB.63/(3) bertarikh 13.11.2000.

Gambar :



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