Dagangan:	**Kod Tarif (Perintah Duti Kastam 2007) :**
3. Traffic Controller Module Trade Name : PSC Control Module Model : NCML 4, 8 12, LED Brand : Tyco	8538.90.900

Keterangan :

Dagangan ***traffic control module*** ini adalah *electronic apparatus* dengan saiz 33x42x45cm dan berat 8 kg setiap *module* dengan *voltage 220volt.* Dagangan merupakan *module* untuk dipasang kedalam slot housing kepada *PSC Traffic control*. Ia merupakan salah satu komponen kepada *PSC traffic controller. Module module* ini terdiri dari *16–bit Intel 80188 CMOS microprocessor with full solid–state switching* yang telah di *pre program* seperti berikut:

Mode of Operation
Manual, fixed time, semi vehicle actuated, fully vehicle actuated (VA), Pelican (fixed time or VA), cableless link (Flexilink) (fixed time or VA), remote dial–up monitoring, UTC link (SCATS™), public/emergency transport priority (hurry call), flashing yellow, part–time stand-by.

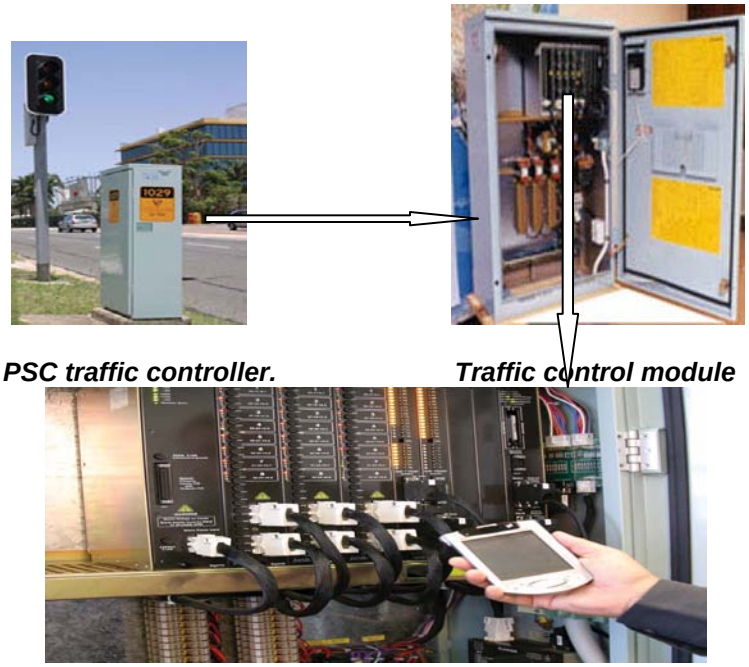
Signal Control
No. of hardware signal groups: 4–16 , No. of software signal groups: 1–24

Signal Group Types
Vehicular (including Pelican), pedestrian (including Pelican), left/right turn arrows(single/multi aspect), lane use indicator, switched and secret signs, etc..

Pedestrians
Pedestrian movements:0–8 (can be associated with any one of the available signal groups)
Pedestrian wait output facilities: 0–8
Pedestrian clearance:
Programmable Flashing Green or Flashing Red.

Phasing
Signal groups are organized into 7 phases (equivalent to Macro Stages), during which Special Movements (8 Max), Special Approach, Late Start Green, Early Cut–off, Vehicle and/or Pedestrian Overlapping, etc., may run.

Timing
Resolution and accuracy: 0.1 second (for all time settings).Range:0–340 seconds (more limited for some safety timing intervals such as yellow, all red, clearance, etc.). Clock:Time of day, day of week, date. No. of pre–stored Traffic Plans: 11 (containing cycle length, phase call, release, and other special facility pulses.)



PSC traffic controller. ***Traffic control module***

<u>Ketetapan:</u>

Mesyuarat Panel Penetapan Penjenisan **Bil.41/2010** memutuskan barangan ini sesuai diperjeniskan mengikut GIR 1 di bawah kod tarif **8538.90 900** sebagai ***part for programmable controller for voltage not exceeding 1000volts*** berdasarkan keterangan dan fakta-fakta seperti di atas.

i. Dagangan ' *is a microprocessor based apparatus that is comprised of plug-in printed circuit modules running on Philips based stored program which provides logic control for traffic signals or other control application* Adalah merupakan *pre-program control module* untuk mengawal *traffic light. Operator interface is achieved by means of a front panel keyboard and associated display indicators or computer.*

ii. Dagangan hanya merupakan **<u>komponen</u>** kepada *traffic controller equipment/system* yang telah diprogram secara spesifik untuk mengawal traffic kenderaan di jalanraya secara mengawal ***timing of the traffic lights*.** Ia juga boleh diprogram kan untuk fungsi fungsi lain yang berkaitan. *Heading* 8530 tidak sesuai kerana heading 8530 hanya spesifik kepada *article of traffic control equipment* yang diliputi oleh heading berkenaan sahaja..

iii. Dagangan adalah *interface programmable module* untuk mengawal *traffic light*. *Pre-program* yang telah dibuat atau melalui komputer (digital) akan membuat arahan dan *signal* tersebut akan melalui *PSC module processor* akan mengolah arahan tersebut kepada *actuator (analog)* supaya *traffic light* berfungsi mengikut arahan. Dagangan ***programmable controller*** mendapat liputan di ENHS 2007 ms. XVI-8537-1 and ***part for programmable controller*** di ENHS2007 muka surat XVI-8538-1 dan Perintah Duti Kastam 2007

HEADING 85.37 - BOARDS, PANELS, CONSOLES, DESKS, CABINETS AND OTHER BASES, EQUIPPED WITH TWO OR MORE APPARATUS OF HEADING 85.35 OR 85.36, FOR ELECTRIC CONTROL OR THE DISTRIBUTION OF ELECTRICITY, INCLUDING THOSE INCORPORATING INSTRUMENTS ORAPPARATUS OF CHAPTER 90, AND NUMERICAL CONTROL APPARATUS, OTHER THAN SWITCHING APPARATUS OF HEADING 85.17.

8537.10- For a voltage not exceeding 1,000 V
8537.20- For a voltage exceeding 1,000 V

These consist of an assembly of apparatus of the kind referred to in the two preceding headings (e.g., switches and fuses) on a board, panel, console, etc., or mounted in a cabinet, desk, etc. They usually also incorporate meters, and sometimes also subsidiary apparatus such as transformers, valves, voltage regulators, rheostats or luminous circuit diagrams.....
The heading also covers :

(1) Numerical control panels with built-in automatic data processing machine, which are generally used to control machine-tools.
(2) Programmed switchboards to control apparatus; these permit variations in the choice of operations to be followed. They are normally used in domestic electrical appliances, such as washing machines and dish washers.
*(3) "**Programmable controllers "** which are digital apparatus using a programmable memory for the storage of instructions for implementing specific functions such as logic, sequencing, timing, counting and arithmetic, to control, through digital or analog input/output modules, various types of machines.*

Gambar :

- TIADA -