Technical Data Sheet

**Dynameco Control Unit
Type DCU-C1-8**

Technical Data

Length:	200 mm (without flat-pin plug)
Width:	138 mm (without flat-pin plug)
Depth:	54 mm

Housing material:	Polystyrol (Synthetic)
Weight:	max. 0,8 kg
Type of protection:	IP 20
Operation-temperature range :	-10°C - +60°C
Connector types:	Flat-pin plugs 6,3 x 0,8 in receptacles 6,3 x 0,8

Electrical Data

Operation-voltage range:	12 V +/- 20 % DC or 24 V +/- 20 % DC (Must be specify with order)

Current consumption

Ready for operation:	max. 0,2 A
Release current:	max. 3 A (100 mSek.)

Outputs:

red (+):	max. 30 V/0,2 A DC
blue(-):	max. 0 V/0,2 A DC
yellow (alarm):	Open Collector with dropping resistor limited to 30 V/0,02 A DC
grey (released):	Open Collector with dropping resistor limited to 30 V/0,02 A DC
green (operation):	Open Collector with dropping resistor limited to 30 V/0,02 A DC
violet (fault):	Open Collector with dropping resistor limited to 30 V/0,02 A DC

Inputs:

Release of extinguishing agent triggered by the control and release panel (BMZ …)
Triggering is by means of a normally-open contact with a 4K 7Ω shunt resistor connected to it in parallel (see drawing no. 3.06099)

Modules: 1 - 8
Possible connections per module: 1 pce. extinguishing-sequence generator .../ E02

Type VTK 1 … distribution boxes can be connected up to the system in place of the extinguishing-sequence generators. Up to eight DYNAMECO E02 generators can then be connected to each distribution box. With this arrangement, releases of extinguishing agent can be triggered by as many as 64 extinguishing-sequence generators. If the system is to be operated with distribution boxes, the customer should provide precise details of his requirements when he orders the system, so that the release current can be set to the appropriate value in the factory.