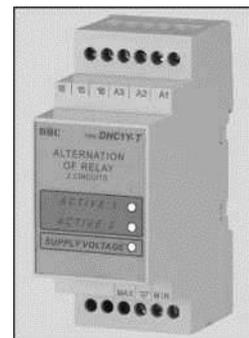


# DHC1Y-T - MODULAR ELECTRONIC RELAY FOR 2 PUMPS ALTERNATION CONTROL



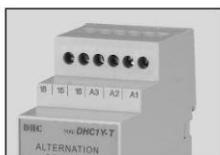
The DHC1Y-T is an alternation relay, in DIN modular format, with input voltage 230Vac or 400Vac (bi-tension) and output through a switched contact. It is specially suitable for use inside electrical distribution modular components panelboards.

Its output becomes active (closing the open contact and opening the closed one) in alternation every time that closes the contact marked with the right pushbutton symbol into the bottom part of the relay.

Alternation can be made also by closing the left pushbutton, but we recommend using always the right one as alternation and the left one as the pumps simultaneity contact, because when the left contact is opened and the right one is closed one of the pumps will maintain connected.

The relay can be used with floats in the cases of tanks extracting or filling liquid, or with pressure switches if what is sought is a pumps alternation in pressure groups, with the possibility that can operate both pumps if the needed pressure is not reached.

In any case, the terminal situated in the middle is the common one for both income signals (alternation and simultaneous) and can be used for, through another contact (float, pressure switch, PLC's signal....) stop the system (safeties, filling floats, timing control...)



The electrical connection should be made for a professional, taking into account the present standards, using the appropriate cable and not overloading the output. If necessary, should be used separation contactors between the control and the power circuits.

The 230Vac input current should be connected between the terminals A1 and A2, and for the 400Vac input current should be connected between the terminals A1 and A3 into the upper side of the device.

Into the lower right side there are the terminals for the 2 income signals (alternation and simultaneous) and the common one. Into the bottom left side there are the switched contacts that belong to the both pumps. The terminals which number finishes in 5 (15 and 25) are the common ones, the finished in 8 are the normally opened contacts and the finished in 6 are the normally closed ones.

