



HOKKIM
Giving You Control

Control & Protection Relays

Model : DFR-HB

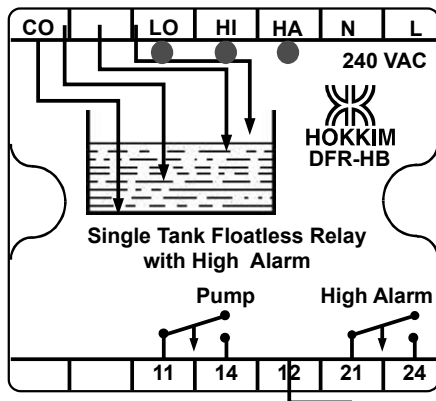
Description : Floatless Relay - Single Tank Control with High Alarm

Utilization:

The DFR-HB controls levels of conducting liquids by using 3 probes with 1 additional probe for alarm. When the liquid level reaches probe HI the pump relay actuates, and releases only after the level recedes below probe LO. If for some reason the level exceeds HI and reaches HA the high alarm relay will energize.

For pump-in operation of tank, connect the starter through contacts 11 & 12.

For pump-out operation of well, connect the starter through contacts 11 & 14.



Technical Data

Supply Voltage	: □240VAC □115VAC
	□24VDC □12VDC
Frequency	: 50/60 Hz
Consumption	: 2VA
ON Response Time	: 100 msec.
OFF Response Time	: 100 msec.
Sensitivity of Probes	: >50kOhms
Voltage between Probes	: 24VDC
Current through Probes	: 250μA
Indication	: Green LED (Low) Amber LED (High) Red LED (Alarm)
Output Contacts	: 5A 240V 50Hz AC1
	Relays ON 11-14 Close 11-12 Open 21-24 Close
	Relays OFF 11-14 Open 11-12 Close 21-24 Open

