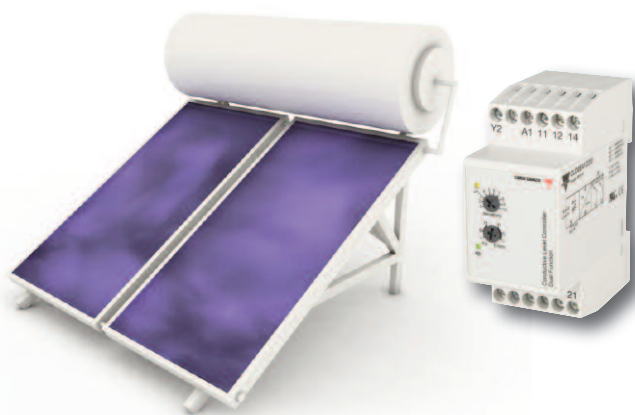


CG APPLICATIONS

CARLO GAVAZZI



Application Note: July 2010

Market involved : Water Distribution / Water Treatment

Product : CLD / CLP

Customer : Manufacturer of water distribution

Subject : Filling a water tank heated by solar power

CUSTOMER ISSUE :

I am a manufacturer of water heating systems for buildings using solar power.

Today, in order to keep the tank full, I am using a simple float switch but the pump runs all the time there is the slightest consumption of hot water.

OUR SOLUTION:

Using a simple CLD/CLP2EA system it is possible to control the level in the tank between two level probes.

The filling stops when the high level is reached and will only start filling when the lowest electrode does not detect water.

ACHIEVED BENEFITS:

- With our level solution, the pump will increase its longevity as it will run for longer time but with fewer starts and stops.

