



PCS-9510

Water Cooling System

NR Electric's patented Water Cooling System is exclusively designed for valve cooling of power electronics equipment. It is widely applied in seamless cooling of valves and to increase the efficiency of valves.

PCS-9510 water cooling system adopts enclosed water cooling mode, it consists of internal cooling system, external cooling system and valve cooling control & protection system.

- Internal cooling system
The internal cooling system is a closed circulation system, the heat generated by converter valve is taken away by the flow of cooling medium to realize primary cooling of converter valve.
- External cooling system
The external cooling system is an open circulation system, the cooling medium of internal cooling system is cooled by water-to-water or water-to-air cooling method to realize secondary cooling of converter valve.

- Control & protection system
The valve cooling control & protection system is used to monitor, control and protect water cooling system, it ensures stable and reliable operation of converter valve cooling system.

Features

- Sufficient cooling capacity, good heat dissipation effect, high reliability and high efficiency.
- Comprehensive monitoring.
- Long service life, maintenance without shutdown.
- Friendly to environment and cost-effective.

