

Soft starter benefits for
WATER UTILITY APPLICATIONS

BENEFIT	FEATURE	MILLISCREEN	PUMP	SEPARATOR	
Protect equipment	Prevent damage due to reverse operation	Phase sequence	■	■	
	Prevent damage from debris in water	Instantaneous overcurrent		■	
	Prolong life of pumps, pipes, valves and headworks by preventing water hammer	Soft stop		■	
	Early warning of abnormal load conditions (broken couplings, blocked pipes etc)	Undercurrent		■	■
	Prevent chain breakages	Gentle acceleration	■		■
Maximize productivity	Safely use full motor capacity without nuisance tripping	Motor thermal model	■	■	
	Keep critical process running	PowerThrough	■	■	
Smoother operation	Minimize stress on electrical supply	Reduced start current	■	■	
	Reduce mechanical stress during start	Gentle acceleration	■	■	
	Minimize pressure surges			■	
Intelligent control of the whole system	Simplify control circuits by directly connecting pressure switches	Digital inputs	■		