

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 current			
	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 processes running	PowerThrough			
Smoother operation	Minimize stress on electrical supply	Reduced start current			
	Reduce mechanical stress during start	Gentle acceleration			
	Minimize pressure surges	Gentle acceleration			
Intelligent control of the whole system	Simplify control circuits by directly connecting pressure switches	Digital inputs			
Very significant be	enefit Significant benefit Useful				

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