

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	■	■
Maximise productivity	Safely use full motor capacity without nuisance tripping	Motor thermal model	■	■
	Keep critical process running	PowerThrough	■	■
Smoother operation	Minimise stress on electrical supply	Reduced start current	■	■
	Reduce mechanical stress during start	Gentle acceleration	■	■
	Minimise pressure surges		■	
Intelligent control of the whole system	Simplify control circuits by directly connecting pressure switches	Digital inputs	■	