

Quest Controls Application Guide

APPLICATION		TELSEC® Family of Products				
		CPM 10 (I)	MP1 6 (I) 2 (O)	MP2 32 (I) 4 (O) 1024 (M)	ESB2 16-272 (I) 16-144 (O) 1024 (M)	RSC 1000 20 (I) 21 (O) 512 (M)
		(I)=Inputs, (O)=Outputs, (M)=Modbus Points				
ENVIRONMENTAL MONITORING	Zone/Room Temperature monitoring	●	●	●	●	●
	Indoor Humidity Monitoring	●	●	●	●	●
	Equipment Rack Temperature Monitoring	●	●	●	●	
	Intrusion Monitoring	●	●	●	●	●
	Fire/Smoke Alarm Monitoring	●	●	●	●	●
	Fire/Smoke Panel Trouble alarm	●	●	●	●	
	Halon Fire Suppression System Monitoring	●	●	●	●	
	Water/Leak Detection	●	●	●	●	
	Hydrogen Gas Monitoring	●	●	●	●	●
	Toxic/Explosive Gas Monitoring	●	●	●	●	
POWER MONITORING	Commercial Power Failure	●	●	●	●	●
	Automatic Transfer Switch (ATS) Position	●	●	●	●	
	ATS Failed to Transfer	●	●	●	●	
	Generator Run Monitoring	●	●	●	●	●
	Remote Generator Start	●	●	●	●	
	Generator Alarm Contact Monitoring	●	●	●	●	
	Communicate with Smart Generators			●	●	●
	Generator Fuel Tank Level	●	●	●	●	
	Generator Fuel Tank Rupture	●	●	●	●	
	Communicate with KW/KWH Power Meter			●	●	●
DC POWER MONITORING	Rectifier Alarm Status	●	●	●	●	
	Batteries on Discharge	●	●	●	●	
	Battery Distribution Fuse Bay (BDFB) Alarms	●	●	●	●	
	Battery Disconnect Alarms	●	●	●	●	
	DC Inverter Alarm Monitoring	●	●	●	●	
	Fuse Panel Alarms	●	●	●	●	
UNINTERRUPTIBLE POWER SYSTEMS (UPS)	Alarm Status	●	●	●	●	
	UPS on Bypass mode	●	●	●	●	
	Battery Failure	●	●	●	●	
	Batteries on Discharge	●	●	●	●	
	UPS Failed to Transfer	●	●	●	●	



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HVAC MONITORING	Performance Monitoring	●	●	●	●	●
	Cooling Failure monitoring	●	●	●	●	●
	Discharge Air Temperature Monitoring	●	●	●	●	●
	HVAC Current Draw monitoring	●	●	●	●	●
	Communicate with HVAC for Monitoring			●	●	
HVAC CONTROL	Intelligent Lead/lag Control of HVAC				●	●
	Airside Economization Control				●	●
	Wall Pack HVAC Systems				●	●
	Heat pump HVAC systems				●	●
	Split HVAC systems				●	●
	Compact Split HVAC				●	●
	Central HVAC systems				●	
	Communicate with HVAC for control				●	
TOWER LIGHTS	Red & White Beacon Failure	●	●	●	●	
	Side Light Failure	●	●	●	●	
	Tower Light Failed to turn on	●	●	●	●	
	Tower lights staying on during the day	●	●	●	●	
	Logging & Reporting of Tower Light Status	●	●	●	●	
PRODUCT FEATURES	Wall mount	●	●	●	●	●
	Rack Mount		●	●		
	Color Touchscreen for Alarms and Status				●	●
	Built-in Web Server for Programming and Status	●	●	●	●	●
	Modbus RTU Serial Network to Talk to Smart Equipment			●	●	●
	Alarming through Email Notification	●	●	●	●	●
	Alarming through SNMP Traps & Informs	●	●	●	●	●
	Alarming Using Transaction Level 1 (TL1) Protocol	●	●	●	●	●
	Polling of Data Through SNMP	●	●	●	●	●
	Polling of Data through Distributed Network Protocol (DNP3)			●		
	Communicates with Osprey	●	●	●	●	●
Provides Cellular Network Connectivity to Sites Without Network Access	●					