



		SCC Self Contained Controller {AVAILABLE NOW}	DCC Dual Channel Controller {AVAILABLE NOW}	QCC Quad Channel Controller {AVAILABLE NOW}	FCS Flexible Control System {AVAILABLE NOW}	PDC Programmable Digital Controller {DISCONTINUED}	GEM Gas Emission Monitor {DISCONTINUED}
General	Display Type	LED indicators	2x16 character LCD with LED indicators	4x20 character LCD with LED indicators	Graphic LCD touch screen with LED indicators	Two line LCD with LED indicators	LED indicators only or digital display with LED indicators
	Enclosure	ABS /Polycarbonate UL94-5VA, IP54 with splash guard, copper coated interior	ABS /Polycarbonate UL94-5VA, IP54 with splash guard, copper coated interior	ABS /Polycarbonate UL94-5VA, IP54 with splash guard, copper coated interior	ABS /Polycarbonate UL94-5VA, IP54 with splash guard, copper coated interior	Lockable, powder coated 18 guage steel or optional watertight fiberglass reinforced polyester	General purpose PVC, optional water tight enclosure with splash guard
	Audible Alarm	Internal - standard buzzer	Internal- standard or optional extra loud enclosure mounted buzzer available	Door mounted - standard or optional water tight buzzer available	Door mounted - standard or optional water tight buzzer available	Door mounted - standard	Internal - standard
	Communication (Type)	Analog (4-20 mA or 0-10 VDC)	Analog (4-20 mA or 0-10 VDC)	QCC-M: Modbus® for LAN and WAN communication QCC-B: BACnet® for WAN communications only	FCS-M: Modbus® for LAN and WAN communication FCS-B: BACnet® for WAN communications only Wireless communication input	Standard Modbus® RS-485 Optional BACnet® RS-485	Analog (4-20 mA)
	Remote Display Module	No	No	QCC-RDM	FCS-RDM	No	No
	Data Logging	No	No	Optional - included with Analog Output (Option -AO)	Included	No	No
Sensor Technology	Channels	1 or 2 channels	1 or 2 channels	up to 4 channels	up to 128 channels	up to 128 channels	Single or Dual
	Remote Transmitter	LPT Low Power Transmitter	ART, LPT, LPT-A, CXT, AST-IS Transmitters	multi digital and/or analog transmitter combinations	multi digital and/or analog transmitter combinations	120 digital and 8 analog transmitters only	Analog Transmitter
	Electrochemical - Internal	CO or NO ₂	CO, NO ₂ , NO, C ₂ H ₄ , O ₂ , H ₂ S, SO ₂	None	None	None	Yes
	ESH-A Remote Sensor - Solid State	None	Refrigerants and TVOCs	No	No	No	Yes
ESH Remote Sensor - Catalytic/Combustibles	H ₂ , CH ₄ , C ₃ H ₈	H ₂ , CH ₄ , C ₃ H ₈	No	No	No	Yes	
Peripheral Devices	None	None	LNK-AO Analog Output LNK-XT Network Extender RLY-4 Remote Relay RPS-24VDC Remote Power Supply	LNK-AI Analog Input LNK-AO Analog Output LNK-XT Network Extender RLY-4 and RLY-8 Remote Relay RPS-24VDC Remote Power Supply	CNB-2 CAN Network Bridge RAP-128 Remote Annunciator RPS-24V Remote Power Supply RRM-8 Remote Relay Module RAO-8 Analog Output Module	None	
Electrical	Power Requirement	Low voltage: 16-30 VDC or 12-28 VAC, 10 W Line voltage: 90-240 VAC, 50-60 Hz	Low voltage: 16-30 VDC or 12-28 VAC, 10 W Line voltage: 90-240 VAC, 50-60 Hz	Line voltage: 90-240 VAC, 50-60 Hz, 75 W	Line voltage: 90-240 VAC, 50-60 Hz, 75 W	Line voltage: 90-240 VAC, 47-63 Hz	Low voltage: 15-30 VDC or 12-28 VAC Optional Line Voltage
	Current Draw	Low voltage: 400 mA @ 24 VDC 110 VAC Line voltage: approx. 90 mA 220 VAC Line voltage: approx. 45 mA	Low voltage: 400 mA @ 24 VDC 110 VAC Line voltage: approx. 90 mA 220 VAC Line voltage: approx. 45 mA	110 VAC Line voltage: 500 mA 220 VAC Line voltage: 1 A	110 VAC Line voltage: 500 mA 220 VAC Line voltage: 1 A	500 mA (controller only)	Approximately 125 mA
	Output	None	Two 4-20 mA outputs	Modbus® RS-485 or BACnet® RS-485 to BAS Two 4-20 mA outputs with data logging (Option -AO) Peripheral Devices on a Modbus® RS-485 network One drive output for strobe/horn	Modbus® RS-485 or BACnet® RS-485 to BAS, Peripheral Devices on a Modbus® RS-485 network Four or eight 4-20 mA analog (Option -AO or 2AO) Two drive outputs for strobe/horn	Optional - BACnet® output module Optional - Analog output module	One 4-20 mA output Two 4-20 mA outputs (Model E only)
	Input	Optional 4-20 mA input (replaces remote catalytic sensor footprint)	One configurable 4-20 mA input	Modbus® RS-485 4-20 mA analog	Modbus® RS-485, Two dry contact switch inputs, Four or eight 4-20 mA analog (Option -AI or 2AI) Peripheral Devices on Modbus® RS-485 network	Up to 8 analog inputs Up to 120 digital inputs	Optional 4-20 mA input (replaces remote catalytic sensor)
	Wiring (power)	VDC 2-conductor shielded VAC 2-conductor shielded VAC 3-conductor shielded	VDC 2-conductor shielded VAC 2-conductor shielded VAC 3-conductor shielded	VAC 3-conductor shielded Line voltage LAN Modbus RS-485 4-conductor shielded WAN 4-conductor shielded Modbus® or BACnet®	VAC 3-conductor shielded Line voltage LAN Modbus RS-485 4-conductor shielded WAN 4-conductor shielded Modbus® or BACnet®	Analog 3-wire shielded Four wire digital daisychain 2-wire 14 gauge stranded power 2-wire 18 guage twisted pair	VDC 3-conductor shielded VAC 4-conductor shielded
	Relay	Two SPDT, 5 amp @ 240 VAC	Two SPDT, 5 amp @ 240 VAC	Three SPDT, 5 amp @ 240 VAC	Four SPDT, 5 amp @ 240 VAC	Eight SPDT, 5 amp @ 240 VAC	Two SPDT, 5 amp @ 240 VAC
Fuse	Automatic resetting thermal	Automatic resetting thermal	Automatic resetting thermal	Automatic resetting thermal	Automatic resetting thermal	Automatic resetting thermal	
Environmental	Operating Temperature	-20°C to 40°C (-4°F to 104°F)	-20°C to 40°C (-4°F to 104°F)	-20°C to 40°C (-4°F to 104°F)	-20°C to 40°C (-4°F to 104°F)	0°C to 40°C (32°F to 104°F)	-20°C to 50°C (-4°F to 122°F)
	Humidity	15 - 90% RH non-condensing	15 - 90% RH non-condensing	15 - 90% RH non-condensing	15 - 90% RH non-condensing	10 - 95% RH non-condensing	15 - 90% RH non-condensing
Certifications	CSA, UL, CE, FCC	CSA, UL, CE, FCC	CSA, UL, CE, FCC, BTL	CSA, UL, CE, FCC, BTL	CSA, UL	CSA, UL	

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