SEL-849 Motor Management Relay

Standard Features

- **Protection**
  - Thermal Overload
  - Overcurrent
  - Arc Flash
  - Breaker/Contactor Failure
  - PTC Overtemperature
- **Hardware**
  - DIN Rail or Surface Mount
  - Three Built-in Window-type CTs
  - External Core-Balance CT Input
  - Built-in Arc Flash Light Sensor
  - 4 Digital Outputs (1 Form C, 3 Form A)
  - 6 Digital Inputs
  - PTC Input
  - Remote HMI Port
  - EIA-232/EIA-485 Port
- **Human Machine Interface (HMI)**
  - 4 Target LEDs
  - Target Reset Pushbutton
- **Protocols**
  - Modbus® RTU
  - SEL ASCII and Compressed ASCII
  - SEL Fast Meter, Fast Operate, Fast SER
  - SEL Fast Message
  - Ymodem File Transfer
- **Other**
  - Instruction Manual on CD
  - ACSELERATOR QuickSet SEL-5030 Software

Part Number:	0	8	4	9	0	0		0				0			

Power Supply

125-250 Vdc (110-240 Vac); 50/60 Hz							1								
24-48 Vdc							2								

Voltage Inputs

None									0						
690 V Direct-Connect line-to-line									1						

Digital Inputs | Digital Input Voltage | Analog Output

6 Standard Internally Wetted | 24 Vdc | None										0	0				
6 Standard Plus 6 Additional Internally Wetted | 24 Vdc | 1 Analog Output 0-20 mA										1	0				
6 Standard Externally Wetted | 110/125 Vdc/Vac | None										2	A				
6 Standard Externally Wetted | 110/125 Vdc/Vac | 1 Analog Output 0-20 mA										3	A				
6 Standard Externally Wetted | 24/48 Vdc/Vac | None										2	B				
6 Standard Externally Wetted | 24/48 Vdc/Vac | 1 Analog Output 0-20 mA										3	B				

Communications Options | PRP | IEC 61850 Protocol | DNP3 Protocol | EtherNet/IP Protocol

o IEC 61850, PRP and EtherNet/IP available only for models with Ethernet options.

Single 10/100BASE-T | None													0	0	
Single 10/100BASE-T | IEC 61850 Protocol													0	1	
Single 10/100BASE-T | DNP3 Protocol													0	2	
Single 10/100BASE-T | IEC 61850 Protocol | DNP3 Protocol													0	3	
Single 10/100BASE-T | EtherNet/IP													0	8	
Single 10/100BASE-T | IEC 61850 Protocol | EtherNet/IP													0	9	
Single 10/100BASE-T | DNP3 Protocol | EtherNet/IP													0	A	
Single 10/100BASE-T | IEC 61850 Protocol | DNP3 Protocol | EtherNet/IP													0	C	

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Dual 10/100BASE-T | PRP													1	0	
Dual 10/100BASE-T | IEC 61850 Protocol													1	1	
Dual 10/100BASE-T | DNP3 Protocol													1	2	
Dual 10/100BASE-T | IEC 61850 Protocol | DNP3 Protocol													1	3	
Dual 10/100BASE-T | EtherNet/IP													1	8	
Dual 10/100BASE-T | IEC 61850 Protocol | EtherNet/IP													1	9	
Dual 10/100BASE-T | DNP3 Protocol | EtherNet/IP													1	A	
Dual 10/100BASE-T | IEC 61850 Protocol | DNP3 Protocol | EtherNet/IP													1	C	
EIA-232/EIA-485 Serial | None													2	0	
EIA-232/EIA-485 Serial | DNP3 Protocol													2	2	

Conformal Coat

None															0
Conformally Coated Circuit Boards															1

Accessories

Allen Bradley 193-CBCT1, 1000:1 Turns Ratio, 45 A Max Current, 0.75" Diameter Window*		9 1 5 9 0 0 2 7 0
Allen Bradley 193-CBCT2, 1000:1 Turns Ratio, 90 A Max Current, 1.56" Diameter Window*		9 1 5 9 0 0 2 8 5
Allen Bradley 193-CBCT3, 1000:1 Turns Ratio, 180A Max Current, 2.50" Diameter Window*		9 1 5 9 0 0 2 8 6
SEL-3421 Motor Relay HMI with LCD for SEL-849*		Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-3422 Motor Relay HMI without LCD for SEL-849*		Please see Online MOT or contact SEL REP or CSR for ordering information.
SEL-849 Accessory Lug Kit*		9 1 5 9 0 0 3 2 5
Configurable Label Kit - SEL-3421/SEL-3422*		9 1 5 9 0 0 2 6 8
Replacement Parts for SEL-3421/SEL-3422 - Mounting Screws, DIN Rail Clips and Supports (includes parts for up to 5 HMIs)*		9 1 5 9 0 0 2 6 9
Replacement Set of SEL-849 Europlug Connectors*		9 1 5 9 0 0 2 7 4
MCC Rated Category 5e Ethernet Cable - Double-Shielded, 600V (configurable length)		C 6 2 7 M
Standard Category 5e Ethernet Cable (configurable length)		C 6 2 7
DTE Device to SEL-849 Serial Cable, EIA-232 (configurable length)		C 2 3 4 T
SEL Communications Processor to SEL-849 Serial Cable, EIA-232 (configurable length)		C 2 8 5 T
Literature		
	SEL-849 Instruction Manual	P M 8 4 9 - 0 1
	SEL-849 Instruction Manual - Printed, No Binder	P M 8 4 9 - 0 1 - N B

Making Electric Power Safer, More Reliable, and More Economical ®

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