

2.2

Motor Control and Protection

Motor Protection and Monitoring Relays

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The following information can be viewed using the communication option:

- Motor status—running, stopped, tripped or resetting
- Individual rms phase currents (A, B, C)
- Average of three-phase rms current
- Percent thermal capacity
- Fault codes (only available prior to reset)
- Percent phase unbalance
- Ground fault current and percent
- Overload relay settings—trip class, DIP switch selections, reset selections
- Modbus address (can be set over the network)

Communication Accessories

	Description	Catalog Number
Expansion Module	Expansion module (Remote Reset/Modbus RTU, RS-485 Communication)	C440-XCOM
		
Communication Adapter	Communication adapter kit (DIN C Panel mounted adapter, required for advance communication option)	C440-COM-ADP
		
	DeviceNet communication module kit—120V I/O (consists of C440-XCOM + C441K + C440-COM-ADP)	C440-DN-120
	DeviceNet communication module kit—24 Vdc I/O (consists of C440-XCOM + C441L + C440-COM-ADP)	C440-DN-24
	PROFIBUS communication module kit—120V I/O (consists of C440-XCOM + C441S + C440-COM-ADP)	C440-DP-120
	PROFIBUS communication module kit—24V I/O (consists of C440-XCOM + C441Q + C440-COM-ADP)	C440-DP-24
	Modbus communication module kit—120V I/O (consists of C440-XCOM + C441N + C440-COM-ADP)	C440-MOD-120
	Modbus communication module kit—24 Vdc I/O (consists of C440-XCOM + C441P + C440-COM-ADP)	C440-MOD-24
	Modbus TCP / EtherNet/IP communication module kit—120V I/O (consists of C440-XCOM + C441U)	C440-ET-120
	Modbus TCP / EtherNet/IP communication module kit—24V I/O (consists of C440-XCOM + C441V)	C440-ET-24