

## RC820 (2E) vs. RX-5 Comparison

The RC820 (2E) series of motor protection relays is in the process of being phased out. As a result, TIC is now offering a new digital motor protection relay manufactured by Motortronics as a replacement for 2E relays operating in the field and in new starters/controllers.



	RC820 (2E)	RX-5
UL	√	√
Overload Class, Run	3-40	5-30
Overload Class, Start	3-40	5-30
Reset	Manual/Auto	Manual/Auto
Control Power	100-120/200-240V <sub>AC</sub>	120-240V <sub>AC</sub>
Frequency	50/60Hz	50/60Hz
Metering		√
Current-Based Protection	√ (Overload, Single Phase)	√
Voltage-Based Protection		√
Power-Based Protection		√
Phase Protection		√ (Loss/Sequence)
Frequency Protection		√ (Over/Under)
Coast Down Lockout Timer		√
Starts/Hour Lockout		√
Time Between Starts Lockout		√
Fault Logging		√
Communications		√ (Modbus RS485)
Mounting	Sub-Panel	Sub-Panel / Optional Removable Display for Door Mounting
Ground Fault	√ (w/Optional Module)	√
Tool Software		√
Contact Arrangement	1 Form C (1NO/NC)	1 Form A (NO), 1 Form C (1NO/NC)