



CRG95 Standard

CRG95	Model	Temperature Range	Max. Amps	Volts	Sensor Length (Included Teflon* Sleeve)
<ul style="list-style-type: none"> Economical non-indicating control 	CRG95	70 ⁰ to 245 ⁰ F 20 ⁰ to 120 ⁰ C	25	120/240	5.5 Ft.

CRG95 COMBINATION CONTROLS

	Model	Max. Amps	Volts
<ul style="list-style-type: none"> Accuracy of ± 4⁰F Field Calibratable 	C95P1	30	120
	C95P2		240
	C95P4T⁽¹⁾		480
<ul style="list-style-type: none"> Corrosion resistant plastic enclosure 	D95P1	50	120
	D95P2		240
	D95P4T⁽¹⁾		480
<ul style="list-style-type: none"> Replacement temperature mechanism with capillary sensor available 	E95P2	90	240
	E95P4T⁽¹⁾		480
	F95P2	150	240
<ul style="list-style-type: none"> Optional NEMA 4X enclosure available 	F95P4T⁽¹⁾		480

(1) Includes Step-down Transformer 120/480V • 380V and 600V available
For timer specify "ET" as prefix (example: ETC95P1).

DRG167 Standard

DRG167	Model	Temperature Range	Max. Amps	Volts	Sensor Length (Included Teflon* Sleeve)
<ul style="list-style-type: none"> Solid state digital with LED readout 	DRG167LB-1	-140 ⁰ to 1450 ⁰ F	16	120	10 Ft.
<ul style="list-style-type: none"> On/Off control mode 	DRG167LB-2	100 ⁰ to 800 ⁰ C		240	

DRG167 COMBINATION CONTROLS

	Model	Max. Amps	Volts
<ul style="list-style-type: none"> Accuracy of ± 1⁰F Large LED display 	C167LP1HOC	30	120
	C167LP2HOC		240
	C167LP4THOC⁽¹⁾		480
<ul style="list-style-type: none"> Fahrenheit Scale Standard, Celsius available upon request 	D167LP1HOC	50	120
	D167LP2HOC		240
	D167LP4THOC⁽¹⁾		480
<ul style="list-style-type: none"> Replacement sensor available (Model: SJ10) 	E167LP2HOC	90	240
	E167LP4THOC⁽¹⁾		480
	F167LP2HOC	150	240
<ul style="list-style-type: none"> Thermowell Option secures and protects sensor. See accessories. 	F167LP4THOC⁽¹⁾		480

(1) Includes Step-down Transformer 120/480V • 380V and 600V available • Replacement sensor available
For timer specify "ET" as prefix (example: ETC167P1HOC).

- Field calibratable
- Non-Volatile Memory (no memory lost during power failures)
- For heating or cooling
- Optional Clear Cover NEMA 4X Available

Please consult factory for up to date Global Safety Agency listings

*Teflon is a registered trademark for fluoropolymer resins, films and fibers made by DuPont.



DRG16C



DRG200



DRG200 Combination Control with Digital Timer



DRG50N4X

DRG16C Standard

DRG16C	Model	Temperature Range	Max. Amps	Sensor Length (Included Teflon Sleeve)	
<ul style="list-style-type: none"> Digital - based auto-tuning controls 1/16 DIN size Accuracy $\pm 0.251^{\circ}\text{F}$ 	DRG16C Series	-140 ^o to 1450 ^o F 100 ^o to 800 ^o C	5	10 Ft.	
DRG16C COMBINATION CONTROLS					
<ul style="list-style-type: none"> Computer compatible RS485 Modbus A-5-11/RTU communication protocol Centigrade or Fahrenheit temperature scales Display: Two 4-digit, 7 segment .25" H LED's PV: red; SV: green Nonvolatile memory "J" thermocouple sensor; other lengths available Agency Approvals: CE, UP, cUL, RoHS 	Model		Max. Amps	Volts	
	C16CP1N4X		30	120	
	C16CP2N4X			240	
	C16CP4TN4X⁽¹⁾			480	
	D16CP1N4X		50	120	
	D16CP2N4X			240	
	D16CP4TN4X⁽¹⁾			480	
	E16CP2N4X		90	240	
	E16CP4TN4X⁽¹⁾			480	
	F16CP2N4X		150	240	
	F16CP4TN4X⁽¹⁾			480	

(1) Includes Step-down Transformer 120/480V • 380V and 600V available
For timer specify "ET" as prefix (example: ETC95P1).

DRG200 Standard

DRG200	Model	Temperature Range	Max. Amps	Volts	Sensor Length (Included Teflon Sleeve)
<ul style="list-style-type: none"> Microprocessor-based auto-tuning controls PID/On-Off selectable 1/4 DIN size Accuracy $\pm 1^{\circ}\text{F}$ 	DRG200	70 ^o to 1100 ^o F 0 ^o to 600 ^o C	5	90-240	10 Ft.
DUAL ACTING (HEATING AND COOLING)					
<ul style="list-style-type: none"> Dual temp. display 	DRG200D	70 ^o to 1100 ^o F 0 ^o to 600 ^o C	5	90-240	10 Ft.
DRG200 AND DRG200D COMBINATION CONTROLS					
<ul style="list-style-type: none"> Centigrade or Fahrenheit temperature scales Field calibration Keylock mode "J" thermocouple sensor; other lengths available 4-20mA output available Clear Cover NEMA 4X available at additional cost 	Model	Dual Acting Model	Max. Amps	Volts	
	C200P1	C200DP1	30	120	
	C200P2	C200DP2		240	
	C200P4T⁽¹⁾	C200DP4T⁽¹⁾		480	
	D200P1	D200DP1	50	120	
	D200P2	D200DP2		240	
	D200P4T⁽¹⁾	D200DP4T⁽¹⁾		480	
	E200P2	E200DP2	90	240	
	E200P4T⁽¹⁾	E200DP4T⁽¹⁾		480	
	F200P2	F200DP2	150	240	
	F200P4T⁽¹⁾	F200DP4T⁽¹⁾		480	

(1) Includes Step-down Transformer 120/480V • 380V and 600V available
For timer specify "ET" as prefix (example: ETC95P1).

DRG50N4X STANDARD -Single Phase

DRG50N4X	Model	Temperature Range	Max. Amps	Volts	Sensor Length (Included Teflon Sleeve)
<ul style="list-style-type: none"> Solid state digital Corrosion resistant NEMA 4X enclosure Lockout switch Heating and cooling modes $^{\circ}\text{C} / ^{\circ}\text{F}$ field selectable Accuracy of $\pm 1^{\circ}\text{F}$ 	DRG50N4X	-30 ^o to 220 ^o F -35 ^o to 105 ^o C	15	120, 208, 240	8 Ft.
DRG50DN4X - Dual Stage					
	DRG50DN4X	-30 ^o to 220 ^o F -30 ^o to 105 ^o C	15	120, 208, 240	8 Ft.

* Replacement sensor available
* DRG50N4X can be used as a temperature indicator.
* DRG50N4X ideal for controlling solenoid valves for heating and cooling applications

Please consult factory for up to date Global Safety Agency listings



CRG95 Mechanism



NEMA 4X Enclosure

- TEFLON* Sleeve FEP**
- Heat and chemical resistant FEP TEFLON* sleeve material supplied for all thermostat sensor assemblies
 - Various lengths available

- NEMA 4X Enclosure**
- Clear see through front panel
 - Heavy duty hinge
 - Corrosion resistant plastic
 - Casketed for mixture and fume tight enclosure
 - Three sizes available: 6"x6", 8"x8", 10"x12"
 - Latching hasp available

- PVC Flexible Conduit**
- Plastic corrosion and fume resistant conduit 1/2" & 3/4" I.D.
 - Various lengths available to 100 ft. rolls

CRG95 Mechanism	Model	Sensor Assembly Length (feet/meter)
<ul style="list-style-type: none"> • Complete with TEFLON* sleeve on bulb & capillary 	M95	5.5 / 1.7 Bulb and Capillary

M167 Mechanism	Model	Temp. Range	Max Amps	Volts
<ul style="list-style-type: none"> • Solid state digital with LED readout replacement mechanism 	M167-1	32 ^o to 999 ^o F	16	120
	M167-2	32 ^o to 999 ^o F	16	240
	M167-1-S*	32 ^o to 999 ^o F	16	120
	M167-2-S*	32 ^o to 999 ^o F	16	240

* Mechanism Complete With SJ10 "J" Thermocouple In TEFLON* Sleeve.

"J" Thermocouple Sensor	Model	Sensor Assembly Length (feet/meter)
<ul style="list-style-type: none"> • Complete with TEFLON* sleeve 	SJ10	10 / 3

- Other lengths available
- For use with DRG200, DRG160, DRG165, DRG167, DRG200, DRG16C, C915, & C400 Controls

QD50 & DRG50N4X Replacement Sensor	Model	Sensor Assembly Length (feet/meter)
<ul style="list-style-type: none"> • Complete with TEFLON* sleeve 	S50	8 / 2

M16C Mechanism	Model	Temp. Range	Max Amps	Volts
<ul style="list-style-type: none"> • Solid state digital with LED readout replacement mechanism 	M16C-1	32 ^o to 122 ^o F	16	120
	M16C-2	32 ^o to 122 ^o F	16	240
	M16C-1-S*	32 ^o to 122 ^o F	16	120
	M16C-2-S*	32 ^o to 122 ^o F	16	240

* Mechanism Complete With SJ10 "J" Thermocouple In TEFLON* Sleeve.

The TEFLON* Sensor Sleeve is intended for chemical protection. Its removal will result in damage to your control.