

CC 301 THERMAL CONTROLS

For trouble free operation inside enclosures

SOLIFLEX thermostats, hygrometers and sensors



Preset temperature thermostat



Adjustable temperature thermostat



Change-over thermostat with thermal feedback



Mechanical Hygrometer



Adjustable temperature twin thermostat



Electronic change-over thermostat / sensor



Electronic change-over hygrometer / sensor

Model	PRESET THERMOSTATS CC 3010					
Order number	301005	301010	301020	301030	301040	301050
Setting range	OFF 10°C / 50°F ON 0°C / 32°F	OFF 15°C / 59°F ON 5°C / 41°F	OFF 25°C / 77°F ON 15°C / 59°F	ON 35°C / 95°F OFF 25°C / 77°F	ON 50°C / 122°F OFF 40°C / 104°F	ON 60°C / 140°F OFF 50°C / 122°F
Mounting	DIN rail 35 mm					
Dimensions (H x W x D)	60 x 39 x 38.9 mm					
ELECTRICAL DATA						
Voltage / Frequency	max. 250 V AC 16 A(res) / 10 A(ind) max. 72 V DC max. 30 W					
Switching point tolerance	Hyst.10±2K / Sw.Pt.tol ±2K					

Model	ADJUSTABLE THERMOSTATS CC 3011			
Order number	301110	301111	301120	301121
Setting range	-10°C - 80°C (NC)	14°F - 176°F (NC)	-10°C - 80°C (NO)	14°F - 176°F (NO)
Mounting	DIN rail 35 mm			
Dimensions (H x W x D)	60 x 39 x 42.4 mm			
ELECTRICAL DATA				
Voltage / Frequency	max. 250 V AC 16 A(res) / 2 A(ind) max. 72 V DC max. 30 W			
Switching point tolerance	Hyst. 7±3K / Sw.Pt.tol ±4K			

Model	ADJUSTABLE TWIN THERMOSTATS CC 3012					
Order number	301210	301211	301220	301221	301230	301231
Setting range	-10°C - 80°C (NCNC)	14°F - 176°F (NCNC)	-10°C - 80°C (NONO)	14°F - 176°F (NONO)	-10°C - 80°C (NCNO)	14°F - 176°F (NCNO)
Mounting	DIN rail 35 mm					
Dimensions (H x W x D)	60 x 72.3 x 42.4 mm					
ELECTRICAL DATA						
Voltage / Frequency	max. 250 V AC 16 A(res) / 2 A(ind) max. 72 V DC max. 30 W					
Switching point tolerance	Hyst. 7±3K / Sw.Pt.tol ±4K					

Model	CHANGEOVER THERMOSTAT WITH THERMAL FEEDBACK CC 3013	MECHANICAL HYGROSTAT CC 3014	
Order number	301320	301321	301410
Setting range	0°C - 60°C	32°F - 140°F	30% - 90%r.H.
Mounting	DIN rail 35 mm		
Dimensions (H x W x D)	60 x 39 x 53.3 mm		60 x 39 x 42.4 mm
ELECTRICAL DATA			
Voltage / Frequency	AC: 250 V / 10 A(res) / 2 A(ind) DC: 72 V / 30 W UL: max.250 V AC NC/NO: 10 / 5 A(res)		max. 230 V AC 2 A (hum) / 5 A (dehum)
Switching point tolerance	Hyst. 4-7K/1K / Sw.Pt.tol ±3K		Hyst. 5%r.H. / Sw.Pt.tol ±4%

Model	ELECTRONIC THERMOSTAT CC 3015	SENSOR	
Order number	301510 (301512)	301511	301530
Setting range	0°C - 60°C	32°F - 140°F	-
Mounting	DIN rail 35 mm		Magnets
Dimensions (H x W x D)	60 x 39 x 53.3 mm		46.3 x 18 x 12.7 mm
ELECTRICAL DATA			
Voltage / Frequency	24 V DC / 16 A		-
Switching point tolerance	Hyst. 3K (1K model 301512) / Sw. Pt. tol 3K		-

Model	ELECTRONIC HYGROSTAT CC 3016	SENSOR
Order number	301610	301630
Setting range	30% - 90%r.H.	-
Mounting	DIN rail 35 mm	
Dimensions (H x W x D)	60 x 39 x 53.3 mm	
ELECTRICAL DATA		
Voltage / Frequency	24 V DC / 16 A	
Switching point tolerance	Hyst. 5%r.H. / Sw.Pt.tol ±10%	