



**MODEL CHART – SERIES 211**

<b>EXAMPLE</b>	211	WT	7810	10	HF	C1	60			211-WT-7810-C1-60. Liquid level control. Flanged carbon steel chamber. Weather proof enclosure. SPDT snap switch, fixed deadband, automatic reset. Operating pressure 450 psig (31 bar) at 100°F (38°C), 300 psig (21 bar) at 500°F (260°C). Side/bottom process connections, 1" NPT. Minimum specific gravity 0.60.		
<b>ENCLOSURE</b>		G WT E  EV								General purpose, NEMA-1. Weather proof, NEMA-3R, 4, 4X. Explosion proof, NEMA-7, 9. Class I Groups B, C, D. Class II Groups E, F, G. (CSA approved Groups C, D, E, F, G only). Explosion proof, vapor proof, NEMA-7, 9. Class I Groups B, C, D. Class II Groups E, F, G. (CSA approved groups C, D, E, F, G only).	UL UL UL	CSA CSA CSA
<b>CIRCUITS</b>  (For Electrical Circuits see charts A & B below.)			48XX 48XX 78XX 78XX 78XXHM 98XX	XX  XX						Single stage. Mercury switch. See Chart A. Two stage. Mercury switch. See Chart A. Single stage. Snap switch. See Chart B. Two stage. Snap switch. See Chart B. Hermetically sealed snap switch. See Chart B. Single stage. High capacity DC snap switch. Use heat fins (HF) if process temperature exceeds 350°F (177°C). Do not exceed 450°F (232°C). See Chart B. Two stage. High capacity DC snap switch. Use heat fins (HF) if process temperature exceeds 350°F (177°C). Do not exceed 450°F (232°C). See Chart B. Single stage. High temperature snap switch. Continuous rating 800°F (425°C). See Chart B. 211-C1-60 type rated at 175 psi (12 bar). Two stage. High temperature snap switch. Continuous rating 800°F (425°C). See Chart B. 211-C1-60 type rated at 175 psi (12 bar).		
<b>FLANGED CHAMBER CONSTRUCTION 1" NPT HUBS</b>	211					C1 C1	60			Carbon steel body. Minimum specific gravity 0.60. Side/bottom process connections. 1" NPT hubs. Pressure rating 450 psig (31 bar) at 100°F (38°C), 300 psi (21 bar) at 500°F (260°C).	UL UL	CSA CSA
<b>FLANGED CHAMBER CONSTRUCTION WITH FLANGED PROCESS CONNECTIONS</b>	213					C1	160			1" 150# flanges side/bottom process connection. Pressure rating 275 psi (19 bar) at 100°F (38°C), 150 psi (10 bar) at 500°F (260°C). Minimum specific gravity 0.60.	UL	CSA
	213					C1	360			1" 300# flanges side/bottom process connection. Pressure rating 450 psi (31 bar) at 100°F (38°C), 300 psi (21 bar) at 500°F (260°C). Minimum specific gravity 0.60.	UL	CSA
	213					C1	660			1" 600# flanges side/bottom process connection. Pressure rating 450 psi (31 bar) at 100°F (38°C), 300 psi (21 bar) at 500°F (260°C). Minimum specific gravity 0.60.	UL	CSA
	214					C1	160			1" 150# flanges side/side process connection. Pressure rating 275 psi (19 bar) at 100°F (38°C), 150 psi (10 bar) at 500°F (260°C). Minimum specific gravity 0.60.	UL	CSA
	214					C1	360			1" 300# flanges side/side process connection. Pressure rating 450 psi (31 bar) at 100°F (38°C), 300 psi (21 bar) at 500°F (260°C). Minimum specific gravity 0.60.	UL	CSA
	214					C1	660			1" 600# flanges side/side process connection. Pressure rating 450 psi (31 bar) at 100°F (38°C), 300 psi (21 bar) at 500°F (260°C). Minimum specific gravity 0.60.	UL	CSA
<b>OPTIONS</b>					HF	C216		H2	12	High temperature fins should be considered if ambient temperature is extremely high or if process temperature exceeds 500°F (260°C) for extended periods. 316SS chamber and trim. 430SS armature. 1" socket weld hub instead of 1" NPT. Breather and drain for E type enclosure. Recommended for high humidity or outdoor service.	UL	CSA

Level

**CHARTS A & B - ELECTRICAL CIRCUITS AND RATINGS**

SWITCH TYPE	SWITCH ACTION	ELECTRICAL RATINGS IN AMPS						ORDERING CODE				
		AC			DC			SINGLE STAGE	TWO STAGE			
		120V	240V	440V	30VDC	125V	250V		LOWER	UPPER		
<b>CHART A</b> Mercury Contacts	SP-ST Open on level FALL	10	5	3†		10	5	-4821	-4821	-21	UL	CSA
	SP-ST Open on level RISE	10	5	3†		10	5	-4820	-4820	-20	UL	CSA
	SP-DT One Switch	4	2	1†		4	2	-4810	-4810	-10	UL	CSA
	SP-DT Two switches E.I.*	10	5	3†		10	5	-4815	-4815	-15	UL	CSA
	DP-ST Two switches E.I.* Open on level FALL	10	5	3†		10	5	-4813	-4813	-13	UL	CSA
	DP-ST Two switches E.I.* Open on level RISE	10	5	3†		10	5	-4814	-4814	-14	UL	CSA
DP-DT Two SP-DT switches	4	2	1†		4	2	-4806	-4806	-06	UL	CSA	
<b>CHART B</b> Snap Action Contacts	SP-DT One switch	12	5	3†		0.5**	0.25**	-7810	-7810	-10	UL	CSA
	DP-DT Two SP-DT switches	12	5	3†		0.5**	0.25**	-7806	-7806	-06	UL	CSA
	SP-DT One hermetically sealed switch	5	5		5**			-7810HM	-7810HM	-10HM		
	DP-DT Two hermetically sealed SP-DT switches	5	5		5**			-7806HM	-7806HM	-06HM		
	DP-DT Two SP-DT switches	10	3			10‡	3‡	-9806	-9806	-06		
	SP-DT One switch	10	3			10‡	3‡	-9810	-9810	-10		
	DP-DT Two SP-DT switches	2	2			0.4**	0.25**	-1006	1006	-06		
SP-DT One switch	2	2			0.4**	0.25**	-1010	-1010	-10			

\*Electrically Independent  
‡10 Amp inductive (Polarized) at 125 VDC  
†Available on special order. Change 1st digit in Ordering Code from 4 to 5 or 7 to 8 i.e. -4820 becomes -5820, -7810 becomes -8810, etc.  
\*\*Resistive