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# Compact Automation Platform

## Discrete VDC/VAC Output Modules

### Characteristics

Module type		DAP 204	DAP 208	DAP 210	DAP 218	
Number of outputs		4 x 1 relay	8 x 1 relay	2 x 4 triacs	2 x 8 triacs	
Electrical isolation		Individual electrically isolated relays	Electrically isolated relays	Electrically isolated from the bus		
Output voltage		24 ... 154VDC, 24 ... 250 VAC		24 ... 230 VAC, True High		
LEDs		1 green, 4 red	1 green, 8 red	1 green, 16 red		
Addresses	Discrete 1x/0x	0 In / 8 Out			0 In / 16 Out	
Frequency range	Hz	47 ... 63				
Maximum switching current per output	at 230 VAC	2 A continuous (resistive load) 4 A surge (resistive load) 1 A continuous (cos $\Phi$ = 0.5)				
	at 24 VDC	2 A continuous (resistive load) 4 A surge (resistive load) 1 A continuous (L/R = 30 ms)				
	at 60 VDC	1 A continuous (resistive load) 0.6 A (L/R = 30 ms)				
	at 140 VDC	0.3 A continuous (resistive load) 0.15 A (L/R = 20 ms)				
Cycle time	maximum	ms	10	8.34 at 60 Hz		
	Cycle time (freq.)	Hz	-			
External operating values	Voltage	24 ... 154 VDC, 24 ... 250 VAC		24 ... 230 VAC		
Current source	I/O bus current	mA	max. 25	max. 60	max. 70	max. 175
	External source		24 VDC, max. 80 mA	24 VDC, max. 150 mA	24 ... 230 VAC	
Power dissipation typical		W	2		7.2	13
Fuses	internal	A	-			2 x 6.3
	external	A	1 x 0.16, 2 x 4 A	1 x 0.16 , 4 x 4 A		-
Operating temperature		°C (F)	-25 ... +70 (-13...+158)	0 ... 60 (32 ... 140)		
Weight		kg(lb)	0.24 (0.53)	0.36 (0.8)	0.45 (1)	0.90 (2.0)
Compatible panel software						
	Concept ProWORX NxT		2.1 or higher 2.0 or higher			



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