

**PumpSmart PS20 Load Monitor**

**General**

Dimensions (WxHxD) 45mm x 90mm x 115mm (1.77" x 3.54" x 4.53")  
 Weight 0.3 kg (10.5 Oz)  
 Enclosure IP20 - NEMA 1  
 Mounting 35 mm DIN-rail 46277  
 Power Consumption 6VA (10A) Maximum  
 Voltage(s) Single Phase: 100-240 VAC +/- 10%  
 Three Phase: 100-240 VAC +/- 10% - Optional  
 Three Phase: 380-500 VAC +/- 10%  
 Three Phase: 500-600 VAC +/- 10%  
 Three Phase: 600-690 VAC +/- 10%  
 Frequency 50Hz or 60 Hz  
 Relay Output 5A / 240 VAC Resistive  
 1.5A / 240 VAC Pilot Duty/AC12  
 Analog Output (Motor Power) 0-20, 4-20, 20-0, 20-4 mA Scalable AO  
 Max Load 500 Ohm  
 Current Input 100A Max w/ Current Transformer CTM010,  
 CTM025, CTM 050, or CTM 100  
 >100A w/ CTM010 and Standard Current Transformer  
 Digital Input (External Reset) 48VDC or 240 VAC Maximum  
 High: >24VAC/VDC  
 Low: <1 VAC/VDC  
 Approvals UL / cUL (up to 600VAC)



Option (1st Digit)	Voltage Rating	Monitor P/N
1	1P 100-240 VAC 3P 100-240 VAC	A08178A01
2	3P 380-500 VAC	A08178A02
3	3P 525-600 VAC	A08178A03

(+)

Option (2nd Digit)	Motor Full-Load Current (Amps)	Primary CT P/N	Secondary CT P/N
1	0.4 - 10	A08180A01	N/A
2	10.1 - 25	A08180A02	
3	26 - 50	A08180A03	
4	51-100	A08180A04	
5	101 - 150	A08180A01	A08180A05
6	151 - 250		A08180A06
7	251 - 500		A08180A07
8	501 - 999		A08180A08

Example Part ID: A08179A23  
 PS20 380-500 VAC Control unit with a 26-50A CT

**NOTE(S)**

CERTIFIED FOR CONSTRUCTION PURPOSES ONLY WHEN SIGNED

DATE

Customer:.....  
 Goulds s/n:.....  
 Customer P.O.:.....  
 Item No.:.....  
 Service:.....

Issue	Drawing is not to scale Dimensions in inches [mm]	Drawn: NWG 122303	Drawing <b>A08179A</b>	Revision	Issue
		Checked: DK011204		0	-