General	1	Product	Dual Set Point Motion Controller (AC Power)
	2	Model Number	MSD-800
	3	Manufacturer	Conveyor Components Company
	4		
Environment	5	Ambient Temperature	0 to 50 °C [32 to 122 °F]
	6	Storage Temperature	-20 to +65 °C [-4 to +149 °F]
	7	Enclosure Rating	Meets NEMA Type 1
	8	Mounting	1/16 DIN (45mm [1.77 in] x 45 mm [1.77 in]) cutout
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	10		
	11		
	12		
	13		
Electrical	14	Switch Type	1 STST + 1 transistor (Output 1); 1 SPDT relay (Output 2)
	15	Contact Type	Dry contact
	16	Relay Contact Rating	5A resistive @ 250V AC max.
	17	Electrical Action	Non-latching
	18	Output Power to Sensor	12V DC
	19	Input Signal from Sensor	0V – 12V DC: NPN or PNP (field programmable)
	20	Power Input	100V - 240V AC standard (24V DC available on request)
	21	Power Consumption	10 VA max. (100V-240V AC input) or 5 W max (24V DC input)
	22	Readout	6 Digit LED readout
	23		
	24		
	25		
Options	26	Power Input	24V DC (option -24)
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	28		
	29		
Accessories	30	Additional Cable	2 conductor shielded cable (MSD-14) Belden 8760 or equivalent
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	32		
	33		
	34		
	35		
	36		
Certifications	37	UL File	E243710 (Delta model CTA)
	38	CE Conformance	Yes
	39		
Manufacturer	40		Conveyor Components Company Division of Material Control, Inc.

Notes:
1. Switch shaft should be mounted in line or parallel to the driving shaft
2. Sensor can be driven by flexible coupling, belt drive, chain drive, or gear drive.
3. The recommended signal point is 15-20% above or below running speed. This will reduce nuisance shutdowns and improve response time. An excessively low trigger setting may result in an increased delay in switch response.