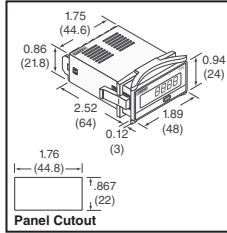


Analog Timer Controls

Crouzet's Chronos series of timers are their newest timers with improved features such as greater accuracy, LED status indicator, 3 wire sensor control and a heavy duty 10A relay. Perfect for all delay-on/off functions as well as Interval timing, repetitive cycle timing and remote triggered sequence timing. All timers are cUL and CE approved.

Totalizing Counters

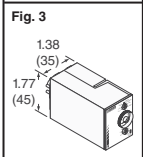
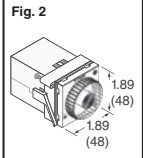
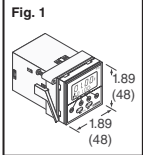
Crouzet's fully integrated totalizing counter or total cumulative time counters. Choose between non-voltage inputs (contact closure) or wide in put voltage inputs (AC/DC) for count inputs or for enabling the time duration for the time counters. Presettable counters have internal output relay to trigger when preset count is reached. All counters are cUL and CE approved.



Specifications: • Power: Lithium Battery • Count Inputs: Contact Closure (slow speed), Voltage Input (high speed) • Low Speed: 40Hz • Minimum Pulse: 12ms • High Speed: 7kHz, 4 – 30VDC • Connections: Screw Terminals • Operating Temperature: 32°F – 131°F

Description	Digi-Key Part No.	1	Price Each	10	25	Crouzet Part No.
Counter, Voltage Input, 8 Digit, 40cps max.	646-1194-ND	62.67	58.26	55.45	87610050	
Total Time Indicator, Voltage Input, 6 Digit, Hrs	646-1195-ND	62.67	58.26	55.45	87610150	
Counter, No Voltage Input, 8 Digit	646-1196-ND	23.31	21.67	20.63	87610340	
Total Time Indicator, No Voltage Input, 6 Digit	646-1197-ND	23.31	21.67	20.63	87610440	
Presettable Counter, 115VAC, LCD, SPDT	646-1198-ND	139.09	129.29	123.06	87620113	
Presettable Counter, 115VAC, LCD, DPDT	646-1199-ND	162.01	150.61	143.36	87620123	

Fig.	Description	Digi-Key Part No.	1	Price Each	10	25	Crouzet Part No.
1	Digital Timer, 6 Mode, 24 – 220V, 8 Octal	646-1168-ND	85.59	76.73	73.03	88857005	
	Digital Timer with Backlight, 6 Mode, 24 – 220V	646-1169-ND	112.34	100.71	95.85	88857607	
	Analog Timer, 6 Mode, 12 – 240V, 11 Octal	646-1170-ND	50.44	45.21	43.03	8886016	
	Analog Timer, Delay on Only, 12 – 240V, 8 Octal	646-1171-ND	50.44	45.21	43.03	8886106	
	Analog Timer, 4 Mode, 12 – 240V, 11 Octal	646-1172-ND	50.44	45.21	43.03	8886516	
	Analog Din Rail Timer, 10 Mode, 24 – 240V	646-1173-ND	41.27	36.99	35.21	88826105	
	Analog Din Rail Timer, Delay On, 24 – 240V	646-1174-ND	28.43	25.49	24.27	88826115	
	Analog Din Rail Timer, Single Shot, 24 – 240V	646-1175-ND	34.46	30.89	29.40	88826125	
	Analog Din Rail Timer, Delay On, 24 – 240V	646-1176-ND	34.46	30.89	29.40	88826135	
	Analog Din Rail Timer, Interval, 24 – 240V	646-1177-ND	28.43	25.49	24.27	88826145	
2	Analog Din Rail Timer, Repeat Cycle, 24 – 240V	646-1178-ND	35.08	31.45	29.93	88826155	
	Analog Din Rail Timer, Multifunction, 12 – 240V	646-1179-ND	49.67	44.54	42.39	88826103	
	Analog Timer, Multifunction, 24 – 240V, 8 Octal	646-1186-ND	41.27	36.99	35.21	88867105	
	Analog Timer, Delay On, 24 – 240V, 8 Octal	646-1187-ND	35.61	31.93	30.39	88867135	
	Analog Timer, Repeat Cycle, 24 – 240V, 8 Octal	646-1188-ND	38.97	34.94	33.26	88867155	
	Analog Timer, Delay On, 8 Octal	646-1189-ND	34.01	30.48	29.01	88867215	
	Analog Timer, Repeat Cycle, 8 Octal	646-1190-ND	41.27	36.99	35.21	88867801	
	Analog Timer, Multifunction, 8 Octal	646-1191-ND	42.03	37.68	35.86	88867100	
	Analog Timer, Multifunction, 11 Octal	646-1192-ND	58.08	52.07	49.56	88867305	
	Analog Timer, Repeat Cycle, 11 Octal	646-1193-ND	54.26	48.65	46.30	88867455	
3	Dual Din Rail Timer, Delay On, 24 – 240V	646-1180-ND	28.58	25.63	24.39	88865115	
	Dual Din Rail Timer, Repeat Cycle	646-1181-ND	36.84	33.03	31.43	88865155	
	Dual Din Rail Timer, Delay On, 24 – 240V	646-1182-ND	41.27	36.99	35.21	88865215	
	Dual Din Rail Timer, Delay Off, 24 – 240V	646-1183-ND	58.08	52.07	49.56	88865265	
	Dual Din Rail Timer, Multifunction	646-1184-ND	58.08	52.07	49.56	88865305	
	Dual Din Rail Timer, Multifunction	646-1185-ND	48.91	43.85	41.74	88865103	



Hour Meters, Counters and Battery Meters

CURTIS

Hour Meters and Counters

Curtis Modules are ideally suited for OEM's panel makers and contract manufacturers to measure equipment usage for preventive maintenance, scheduling, warranty validation and renting/leasing. No moving parts or motor driven digits to wear out. Non-volatile memory can be powered down and not lose hours counted. Counting starts with enable connection and counts display when power is applied to the meter. External reset is standard. The counters can be used in vending machines, medical equipment, fuel pumps, office equipment, flow instruments, consumer products and many other applications.

Features: • Attractive and easy to read 6-digit Liquid Crystal Displays with 5mm digit height • Compact size ideal for electronic subassemblies • Wide voltage range • AC/DC operation on most products • Input Frequency of 500Hz on DC counters; 1Hz on AC/DC counters • Exceptional reliability due to non-volatile (EEPROM) memory which can retain data for 25+ years • Resettable option

700 and 701 Series: • 6-digit Hour Meter module with 5mm (.197") high digits, non-backlit. Operating Type: • 2 wire units start timing when supply power is applied • 3 wire units start timing when 3rd lead (enable lead) has power applied

Specifications: • Resolution: 99,999.9 hours • Accuracy: ±0.1% hours • Mechanical Shock: SAE J1378, 55g • Operating Temperature: -40°C – 85°C

703 Series: 6-digit Pulse Counter module with 5mm (.197") high digits, non-backlit. **Specifications:** • Resolution: 999,999 Counts • Accuracy: ±1 count • Mechanical Shock: SAE J1378, 55g • Operating Temperature: -40°C – 85°C

Battery Meters

906 Series: Model 906 is an inexpensive, one piece, easy to install battery fuel gauge. It is completely solid state and provides a reliable, accurate and easy to read display of battery state-of-charge. This battery fuel gauge is ideal for golf cars, commercial cleaning equipment, mobility aids, electric bicycles, electric marine motors, medical devices and similar equipment.

Features: • 10-bar LEDs displays the state-of-charge successively, bar by bar, from full to empty • At 70% depth of discharge, a flashing LED signals an "energy reserve" alert • At 80%, alternately flashing LEDs provides an "empty" status warning

Specifications: • Operating Temperature: -40°C – 85°C

Dimensions in Inches (mm)

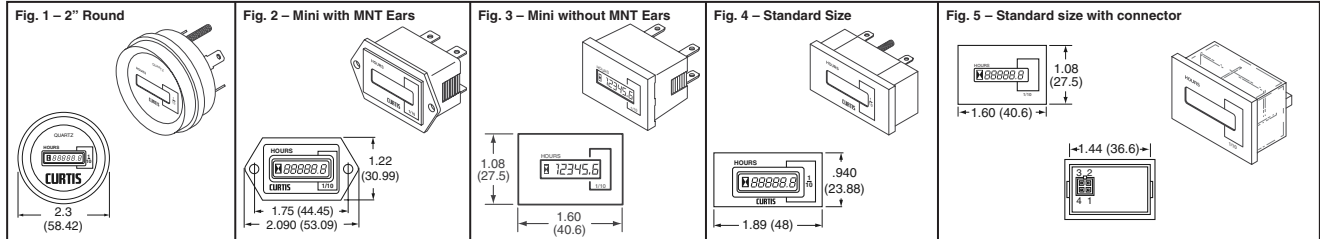
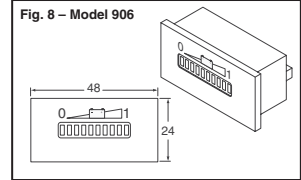
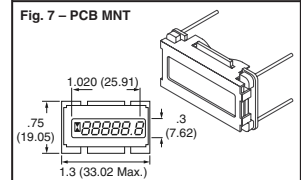
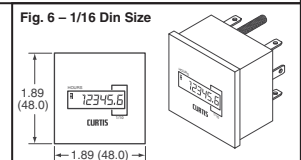


Fig.	Operating Mode	Operating Type	Operating Voltage DC	AC	Reset	Digi-Key Part No.	1	Price Each	50	100	Curtis Part No.
Hour Meters and Counters											
1	Hour Meter	3 Wire	12 – 48	20 – 60	Elect	267-1001-ND	31.04	23.24	18.70	701QR00101248D2060A	
	Hour Meter	3 Wire	48 – 150	100 – 230	Elect	267-1002-ND	31.04	23.24	18.70	701QR001048150D100230A	
2	Hour Meter	3 Wire	12 – 48	20 – 60	Elect	267-1003-ND	20.69	15.98	12.42	701FR00101248D2060A	
	Hour Meter	3 Wire	48 – 150	100 – 230	Elect	267-1004-ND	20.69	15.98	12.42	701FR001048150D100230A	
3	Hour Meter	3 Wire	12 – 48	20 – 60	Elect	267-1005-ND	20.69	15.98	12.42	701ZR001N1248D2060AB	
	Hour Meter	3 Wire	48 – 150	100 – 230	Elect	267-1046-ND	26.33	20.33	15.81	701ZR001N48150D10023	
4	Hour Meter	2 Wire	12 – 48	20 – 60	Elect	267-1039-ND	26.14	19.79	15.80	700DR00101248D2060A	
	Hour Meter	2 Wire	48 – 150	100 – 230	Elect	267-1042-ND	33.29	25.20	20.12	700DR001048150D100230A	
	Hour Meter	3 Wire	12 – 48	20 – 60	Elect	267-1005-ND	33.29	25.20	20.12	701DR00101248D2060A	
	Hour Meter	3 Wire	48 – 150	10 – 230	Elect	267-1006-ND	26.14	19.79	15.80	701DR001048150D100230A	
	Counter	3 Wire	48 – 150	100 – 230	Elect	267-1008-ND	27.83	21.07	16.82	703DR001048150D100230A	
5	Hour Meter	3 Wire	48 – 150	100 – 230	Non	267-1026-ND	17.24	13.29	10.35	700LN001N48150D100230A	
	Hour Meter	3 Wire	12 – 48	—	Non	267-1027-ND	17.24	13.29	10.35	701LN001N1248D	
	Hour Meter	3 Wire	12 – 48	20 – 60	Non	267-1028-ND	15.36	11.84	9.22	700LN001N1248D2060A	
6	Hour Meter	3 Wire	48 – 150	100 – 230	Elect	267-1048-ND	37.03	27.76	23.15	701SR601048150D100230A	
	Hour Meter	3 Wire	5 – 12	—	Elect	267-1009-ND	17.78	10.67	8.30	701PR-102	
7	Hour Meter	3 Wire	12 – 48	—	Elect	267-1010-ND	20.15	12.09	9.41	701PR-112	
	Counter	3 Wire	5 – 12	—	Elect	267-1011-ND	25.58	15.35	11.94	703PR-102	
	Counter	3 Wire	12 – 48	—	Elect	267-1012-ND	20.15	12.09	9.41	703PR-112	
	Counter	3 Wire	12 – 48	—	Elect	267-1012-ND	20.15	12.09	9.41	703PR-112	

Battery Fuel Gauge – RoHS Compliant

8	Battery Discharge Meter, 36VDC for Golf Car Batteries (1.97V Full/ 1.75V Empty)	267-1049-ND	36.12	26.14	21.88	906D36HGA
	Battery Discharge Meter, 36VDC for Golf Car Batteries (1.97V Full/ 1.75V Empty)	267-1054-ND	36.12	26.14	21.88	906T36HGAAO
	Battery Discharge Meter, 24VDC for OEM Applications (2.04V Full/ 1.73V Empty)	267-1050-ND	36.12	26.14	21.88	906T24BNMAO
	Battery Discharge Meter, 24VDC for OEM Applications (2.04V Full/ 1.73V Empty)	267-1051-ND	36.12	26.14	21.88	906T24BNMAN
	Battery Discharge Meter, 36VDC for OEM Applications (2.04V Full/ 1.73V Empty)	267-1052-ND	36.12	26.14	21.88	906T36BNMAN
	Battery Discharge Meter, 36VDC for OEM Applications (2.04V Full/ 1.73V Empty)	267-1053-ND	36.12	26.14	21.88	906T36BNMAO
	Battery Discharge Meter, 48VDC for Industrial Applications (2.04V Full/ 1.73V Empty)	267-1055-ND	36.12	26.14	21.88	906T48BNMAO
	Battery Discharge Meter, 12VDC for Industrial Applications (2.04V Full/ 1.73V Empty)	267-1056-ND	35.97	26.03	21.78	906T12BNMAO

• RoHS Compliant † Order Mating Connector separately. Housing WM1784-ND Contacts: 20AWG - 24AWG (WM1837-ND), 26AWG - 30AWG (WM1838-ND)



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