

Multifunction Digital Timers

H5CX-N Series — One Timer for Many Applications

- ▶ 11-Field Selectable Timing Modes: Signal ON Delay, Signal OFF Delay, Power ON Delay, Repeat Cycle, Interval, Cumulative, ON/OFF Duty Cycle, Twin Timer OFF-Start, Twin Timer ON-START and More
- ▶ Easy-to-Read 2-Color Display, Programmable for Instant Alert to Any Output Status Change (Screw Terminal Models)

- ▶ Simple Set-Up Via Front Keys or DIP Switches, Key Protect Function
- ▶ Wide Time Range Selection 0.001 Second to 9999 Hours
- ▶ Accepts Voltage and Non-Voltage Inputs, PNP/NPN Selectable
- ▶ NEMA4/IP66 Front (Screw Terminal Models)
- ▶ Call Allied Electronics for Models with Transistor Outputs



Screw Terminal Models

Stock No.	Mfr.'s Type	Description	Supply Voltage	Output	EACH
70178538	H5CX-A-N AC100-240	Panel mounting, programmable 2-color display	100-240 VAC	Contact	188.66
70179138	H5CX-AD-N AC24/DC12-24	Panel mounting, programmable 2-color display	12-24 VDC/24 VAC	Contact	182.11

11-Pin Socket Models

70178548	H5CX-A11-N-AC100/240	Panel, surface or DIN-track mounting	100-240 VAC	Contact	141.17
70179149	H5CX-A11D-DC12-24/AC24	Panel, surface or DIN-track mounting	12-24 VDC/24 VAC	Contact	174.00

8-Pin Socket Models

70178545	H5CX-L8-N AC100-240	Panel, surface or DIN-track mounting	100-240 VAC	Contact	122.50
70179150	H5CX-L8D-N DC12-24/AC2	Panel, surface or DIN-track mounting	12-24 VDC/24 VAC	Contact	147.00



Four-Digit, Screw Terminal



Screw Terminal



8-Pin Socket



11-Pin Socket

Multifunction Digital Counter

H7CX-N Series — 1/16 DIN Size Preset Counters

- ▶ Configure as: 1-Stage Counter, 2-Stage Counter, Total and Preset Counter, Batch Counter, Dual Counter
- ▶ Screw Terminal Models Feature Programmable 2-Color Display for Instant Alert to Any Change in Output Status

- ▶ 4- or 6-Digit Models to Match Your Application
- ▶ All Parameters Set via Front Panel or DIP Switch Settings
- ▶ High-Speed Response Up to 5 kHz, Can Be Scaled to 10 kHz
- ▶ Accepts Voltage and Non-Voltage Inputs, PNP/NPN Selectable



- ▶ NEMA4/IP66 Front (Screw Terminal Models)
- ▶ Call Allied Electronics for Models with Transistor Outputs

Advanced Six Digit 2-Stage Counters with Tachometer Option

Stock No.	Mfr.'s Type	Description	Supply Voltage	Output	Sensor Supply	EACH
70179139	H7CX-AW-N AC100-240	Screw terminal, programmable color display	100-240 VAC	Contact	12 VDC	248.00
70178543	H7CXAWD1NDC1224AC24	Screw terminal, programmable color display	12-24 VDC/24 VAC	Contact	12 VDC	252.80

Advanced Four Digit 2-Stage Counters with Tachometer Option

70179159	H7CX-A4W-N AC100-240	Screw terminal, programmable color display	100-240 VAC	Contact	12 VDC	248.00
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Standard, Six Digit 1-Stage Counters

70179163	H7CX-A-N AC100-240	Screw terminal, programmable color display	100-240 VAC	Contact	12 VDC	201.00
70179162	H7CX-AD-N DC12-24	Screw terminal, programmable color display	12-24 VDC	Contact	—	167.28
70179160	H7CX-A11-N AC100/240	11-Pin socket	100-240 VAC	Contact	12 VDC	216.00
70179161	H7CX-A11D1-NDC1224AC24	11-Pin socket	12-24 VDC/24 VAC	Contact	12 VDC	216.00

Standard, Four Digit 1-Stage Counters

70178544	H7CX-A4-N AC100-240	Screw terminal, programmable color display	100-240 VAC	Contact	12 VDC	205.00
70179158	H7CX-A4D-N DC1224	Screw terminal, programmable color display	12-24 VDC	Contact	—	178.00
70179142	H7CX-A114-N AC100-240	11-Pin socket	100-240 VAC	Contact	12 VDC	207.72
70179166	H7CX-A114D1-NDC1224AC24	11-Pin socket	12-24 VDC/24 VAC	Contact	12 VDC	227.58

Sockets and Accessories

Stock No.	Mfr.'s Type	Description	EACH
70177958	P2CF-11	11-Pin track mounting/front connecting socket	9.99
70177956	P3GA-11	11-Pin back mount socket	16.84
70178231	Y92A-48G	Finger-safe terminal cover, for use with P3GA-11 socket	5.22
70177955	Y92F-30	Flush panel mount adapter (standard with screw terminal models)	9.42

Self Powered Totalizers — H7E Series

Supply Voltage NOT Required — Powered By Replaceable Battery

Stock No.	Mfr.'s Type	Display Digits	Count Speed	Input Type	EACH
70179848	H7EC-N-B	8	30 Hz or 1 kHz	No Voltage	67.37
70180051	H7EC-NV-B	8	30 Hz or 1 kHz	NPN/PNP DC Voltage	83.16
70179849	H7EC-NV-BH	8	30 Hz or 1 kHz	NPN/PNP DC Voltage	86.29
70179850	H7EC-NFV-B	8	20 Hz	AC/DC Multi-Voltage	88.62

Time Totalizer

Stock No.	Mfr.'s Type	Display Digits	Time Range	Input Type	EACH
70179851	H7ET-N-B	7	999999.9 hr. or 3999d23.9 hr. (selectable)	No Voltage	86.29
70179852	H7ET-NV-B	7	999999.9 hr. or 3999d23.9 hr. (selectable)	NPN/PNP DC Voltage	94.50
70179853	H7ET-NFV-B	7	999999.9 hr. or 3999d23.9 hr. (selectable)	AC/DC Multi-Voltage	105.76

Tachometer

Stock No.	Mfr.'s Type	Display Digits	Count Speed	Input Type	EACH
70179854	H7ER-NV-B	4	1 kHz	NPN/PNP DC Voltage	89.47

Accessories

Stock No.	Mfr.'s Type	Description	EACH
70178229	Y92S-36	Replaceable Battery	12.62



H7ER



H7ET



H7ER

- Features:**
- ▶ Large, Easy-to-Read (8.6 mm) LCD Display
 - ▶ Count Speed — 20 Hz, 30 Hz, 1 kHz — Up Counting
 - ▶ NPN/PNP DC, AC/DC Voltage and No-Voltage Inputs Types Available
 - ▶ 4-Digit Tachometer: 1000 RPS (1 Pulse/Rev.), 1000 RPM (60 Pulse/Rev.)
 - ▶ Key-Protect Switch Prevents Accidental Reset (Count/Time Totalizers)
 - ▶ External "Reset" Front Face
 - ▶ Replaceable Battery — All Models
 - ▶ Screw Terminal

- Specifications:**
- ▶ NEMA 4/IP66 Front Face