OMRON

H3DS TIMER

It's Smart, Sleek, and Safe

It's a form of evolution.

Super Multifunctional

- A Wide Selection of Operating Modes
- Wide Power Supply Range: 24 to 230 VAC/24 to 48 VDC with one Timer
- Minimal Model Lineup: Just 3 models provide you with everything you need.
- Wide Time Setting Ranges

Smart Dial/Selector-locking Mechanism

EN61812-1 and IEC60664-1 4kV/2 compliance provides more safety in application.
EN50081-1 and EN50082-2 compliance allows application in any locations subject to EMC.

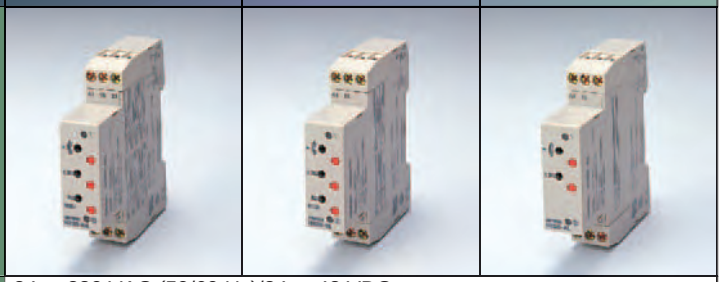
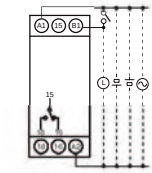
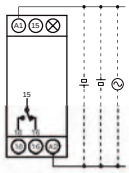
Other Advantages

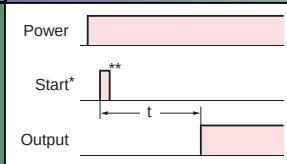
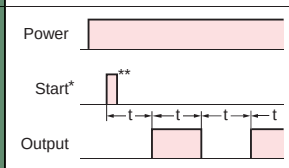
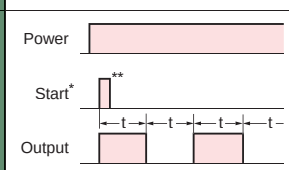
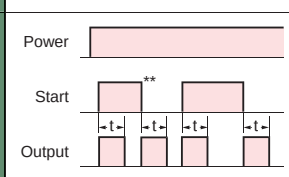
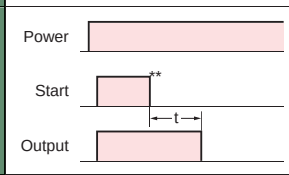
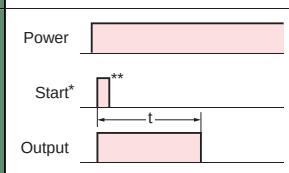
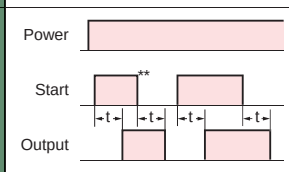
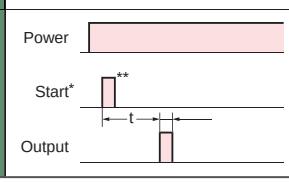
- Screwless spring terminal type available.
- Identification sticker provided.
- Terminal clamp is delivered open to save wiring efforts (screw terminal type).
- Every standard DIN Track compatible.

Smart Dial/ Selector-locking Mechanism:

Prevents the dials and selectors on the Timer's front panel from being inadvertently operated or being operated without authorization. The lock can only be unlocked and locked with an optional pen-type Lock Key.

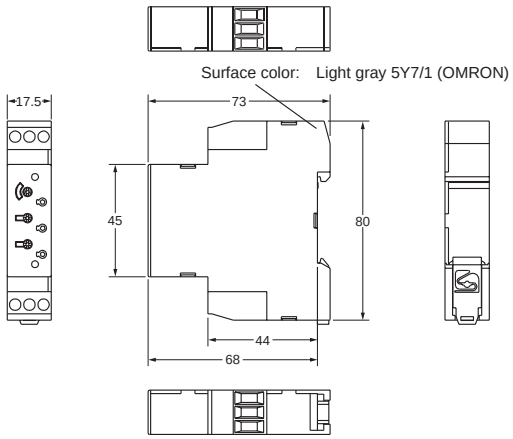
The ultimate, standard slim timer has just arrived with unique features.

Item	H3DS-ML☐	H3DS-SL☐	H3DS-AL☐
Appearance			
Rated supply voltage	24 to 230 VAC (50/60 Hz)/24 to 48 VDC		
Time ranges	Seven time ranges covering 0.1 s to 120 h: 0.1 to 1.2 s/1 to 12 s/0.1 to 1.2 min/1 to 12 min/0.1 to 1.2 h/1 to 12 h/10 to 120 h		
Operating mode	A: ON-delay B: Flicker OFF start B2: Flicker ON start C: Signal ON/OFF-delay D: Signal OFF-delay E: Interval G: Signal ON/OFF-delay J: One shot	A: ON-delay B2: Flicker ON start E: Interval J: One shot	A: ON-delay (fixed)
Control output	Contact output: Time-limit output SPDT		
Input type	Start input (voltage imposition)	Start upon power imposition	
Terminal arrangement			
External connections	Screw terminals, screwless spring terminals		
Additional function	Smart lock mechanism with an optional pen-type Lock Key		

Operating mode	Timing Chart (Basic Operation)
A: ON-delay	
B: Flicker OFF start	
B2: Flicker ON start	
C: Signal ON/OFF-delay	
D: Signal OFF-delay	
E: Interval	
G: Signal ON/OFF-delay	
J: One-shot output (ON delay)	

* For power-on operation, impose voltage to the Start input. The Timer starts operating at the moment the power is turned on.
** Start input is valid and retriggerabie while the Timer is in operation.
t: Set time

■Dimensions



Note: All units are in millimeters unless otherwise indicated.

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Note: Specifications subject to change without notice.

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