

Power ON-delay Timer

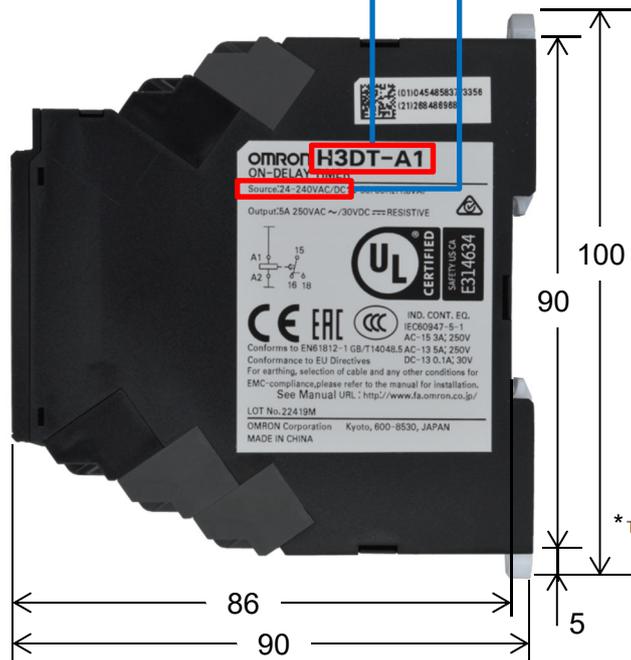
Order Code

H3DT-A1 24 to 240 VAC/DC

Dimensions (Unit: mm)

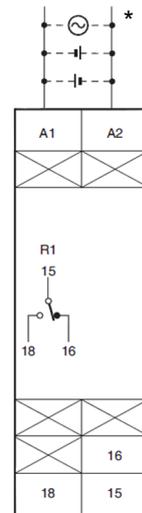


Front



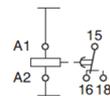
Side view

Terminal Arrangement



*The power supply terminals do not have polarity.

(DIN notation)

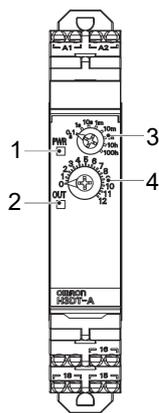


Technical criteria

Rated supply voltage	24 to 240 VAC/DC, 50/60 Hz
Operating mode	ON Delay
Input method	None
Power Reset (Minimum power-OFF time)	0.1 s
Control Output	5 A at 250 VAC with resistive load ($\cos\phi = 1$), 5 A at 30 VDC with resistive load, 0.15 A max. at 125 VDC with resistive load, 0.1A max. at 125 VDC with L/R of 7 ms. Minimum applicable load: 10 mA at 5 VDC.
Accuracy of operating time	$\pm 1\%$ of FS max. ($\pm 1\% \pm 10$ ms max. at 1.2-s range)
Setting error	$\pm 10\%$ of FS ± 0.05 s max.
Operating Temperature	-20 to 60°C
Operating Humidity	25% to 85%
IP	IP30 (Terminal block: IP20)

For the most recent information on models that have been certified for safety standards, refer to your OMRON website.

Nomenclature

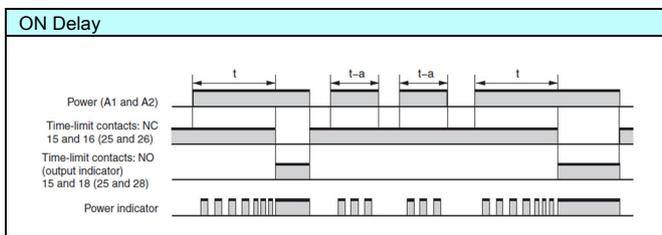


1	Operation/power indicator
2	Output indicator
3	Time range switch
4	Main dial

Time range

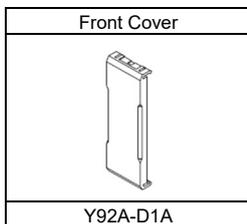
Time range setting	0.1 s	1 s	10 s	1 min	10 min	1 h	10 h	100 h
Set time range	0.1 to 1.2 s	1 to 12 s	10 to 120 s	1 to 12 min	10 to 120 min	1 to 12 h	10 to 120 h	100 to 1,200 h
Scale numbers	12							

Timing Chart



Note: Refer to the official Datasheet, how to use Gate input.

Accessories



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