

MARCH 2019

Product enhancement: GT5Y miniature electronic timers

IDEC would like to inform you about the product enhancement of GT5Y miniature electronic timers. Details are as follows:

1. Product enhancement:

Subject models: GT5Y-OSN◎※

On delay type of current products will be enhanced to multi-moc . .



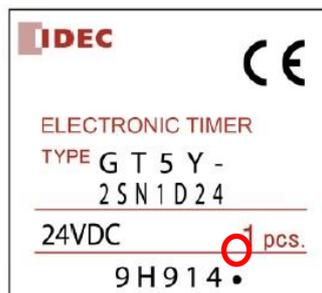
Current product	Enhanced product
On delay	Multi-mode (On delay, Interval on, Cycle, Cycle on)

2. Schedule:

- Enhanced product: Available from January 2019 depending on stock.

3. Identification:

Enhanced product will have a black dot '•' displayed on their product cases, next to the lot number.



The identification mark will be used with enhanced products made until July 2019.

4. Specifications:

Part number: GT5Y-○△□◎※

	Current GT5Y Timers	New Enhanced GT5Y Timers
○: Contact arrangement	2: 2 poles 4: 4 poles	2: 2 poles 4: 4 poles
△: Terminal type	S: Solder terminal P: PC board terminal	S: Solder terminal
□: Operation mode	N: On delay V: Interval on F: Cycle	N: 4 modes selectable: (A: On delay / B: Interval on / C: Cycle / D: Cycle on)
◎: Time ranges ^{a)}	1: 1S / 10S / 1M / 10M 3: 3S / 30S / 3M / 30M 6: 6S / 60S / 6M / 60M 3H : 3H 6H : 6H 10H : 10H	1: 1S / 10S / 1M / 10M / 1H / 10H 3: 3S / 30S / 3M / 30M / 3H / 30H 6: 6S / 60S / 6M / 60M / 6H / 60H
※: Rated operational voltage	A200: 200 to 240V AC (50 / 60Hz)	A200: 200 to 240V AC (50 / 60Hz)
	A100: 100 to 120V AC (50 / 60Hz)	A100: 100 to 120V AC (50 / 60Hz)
	A24: 24V AC (50 / 60Hz)	A24: 24V AC (50 / 60Hz)
	D110: 110V DC	D110: 110V DC
	D100: 100V DC	D100: 100V DC
	DC48: 48V DC	-
	D24: 24V DC	D24: 24V DC
	D12: 12V DC	D12: 12V DC

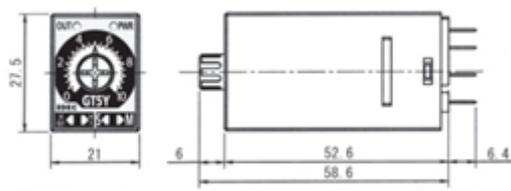
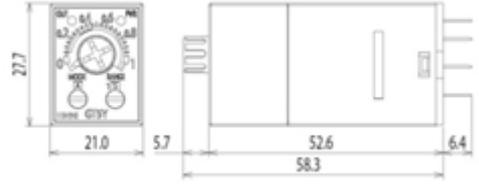
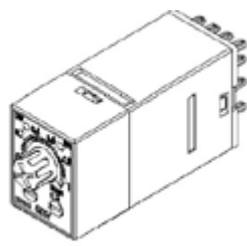
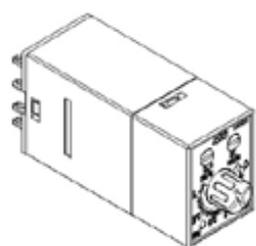
a) Time ranges: For further information, please refer to the following page.

Note: The differences between current GT5Y and Enhanced GT5Y Timers are written in **red**.

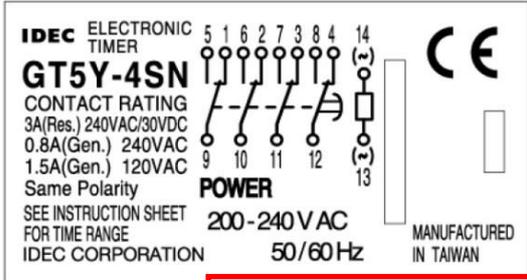
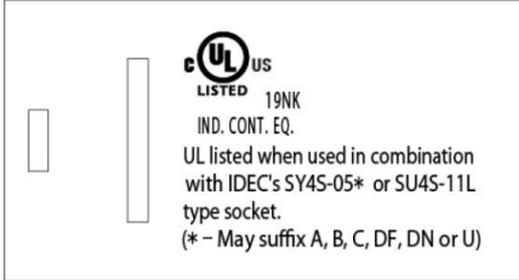
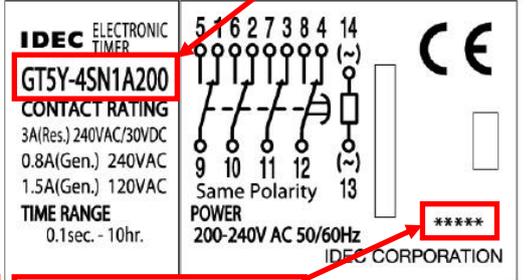
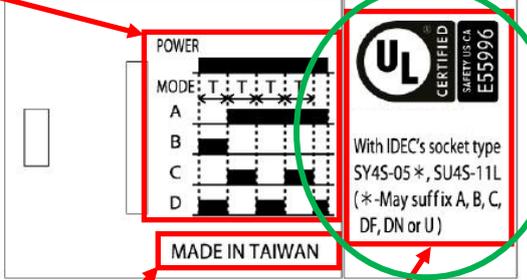
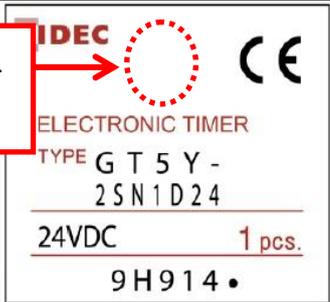
⊙: Time ranges

Current GT5Y Timers					New Enhanced GT5Y Timers			
⊙	Scale	Time range indication		Time range	⊙	Scale	Time range indication	Time range
1	0 to 10	×0.1	S	0.1 sec to 1 sec	1	0 to 1	1S	0.1 sec to 1 sec
		×1	S	0.2 sec to 10 sec			10S	0.2 sec to 10 sec
		×0.1	M	1.2 sec to 1 min			1M	1 sec to 1 min
		×1	M	12 sec to 10 min			10M	10 sec to 10 min
-	-	-	-	1H			1 min to 1 hour	
10H	0 to 10	-	-	10H			10 min to 10 hours	
3	0 to 3	×1	S	0.1 sec to 3 sec	3	0 to 3	1S	0.1 sec to 3 sec
		×10	S	0.5 sec to 30 sec			10S	0.5 sec to 30 sec
		×1	M	3 sec to 3 min			1M	3 sec to 3 min
		×10	M	30 sec to 30 min			10M	30 sec to 30 min
3H	0 to 3	-	-	1H			3 min to 3 hours	
-	-	-	-	10H			30 min to 30 hours	
6	0 to 6	×1	S	0.1 sec to 6 sec	6	0 to 6	1S	0.1 sec to 6 sec
		×10	S	1 sec to 60 sec			10S	1 sec to 60 sec
		×1	M	6 sec to 6 min			1M	6 sec to 6 min
		×10	M	1 min to 60 min			10M	1min to 60 min
6H	0 to 6	-	-	1H			6 min to 6 hours	
-	-	-	-	10H			60 min to 60 hours	

Note: The differences between current GT5Y and Enhanced GT5Y Timers are written in red.

	Current GT5Y Timers	New Enhanced GT5Y Timers
Time range	Selectable type (4 ranges), Fixed type	Selectable type (6 ranges)
Operation mode	Single	4 modes selectable
Applicable standards	UL508 CSA C22.2 No.14	UL60947-4-1A CSA C22.2 No.947-4-1
Vibration resistance	10 to 55Hz, amplitude 0.75 mm 2 hours each in 3 directions	Operating extremes: 10 to 55Hz, amplitude 0.50 mm 10 minutes each in 3 directions Damage limits: 10 to 55Hz, amplitude 0.75mm 2 hours each in 3 directions
Contact material	4PDT: Silver (gold-plated) DPDT: Silver	4PDT: Silver (gold-clad) DPDT: Silver alloy
Contact resistance (initial value)	4PDT: 50 MΩ maximum DPDT: 30 MΩ maximum	4PDT: 50 MΩ maximum DPDT: 50 MΩ maximum
Dimensions (mm)	 <p>27.5 (H) × 21.0 (W) × 58.6 (D)</p>	 <p>27.7 (H) × 21.0 (W) × 58.3 (D)</p>
Appearance	 	 

Note: The differences between current GT5Y and Enhanced GT5Y Timers are written in red.

	Current GT5Y Timers	New Enhanced GT5Y Timers
Nameplates	 <p>Scale: 0-10, 0-3, 0-6</p>	 <p>Scale: 0-1, 0-3, 0-6</p>
Label	<p>Silk printing</p>  <p>Operation chart added</p> 	<p>Laser marking</p>  <p>Full part number</p> <p>Lot number added</p>  <p>Country of origin</p> <p>New UL mark and indication</p>
Weight (approx.)	50g	42g
Product case		 <p>No UL mark</p>

Note: The differences between current GT5Y and Enhanced GT5Y Timers are written in red.

		Current GT5Y Timers		New Enhanced GT5Y Timers		
Operation charts	Part number: GT5Y-*N		Operation mode selection: A			
	On delay	Operation mode	Item	Operation		
		Terminal No. set time 13-14 (power)		Set time		
		1-9, 3-11, 2-10, 4-12 (NC)				
		5-8, 7-11, 6-10, 8-12 (NO)				
		POWER indicator				
	OUT indicator					
	Part number: GT5Y-*V		Operation mode selection: B			
	Interval on	Operation mode	Item	Operation		
		Terminal No. Set Time 13-14 (power)		Set time		
		1-9, 3-11, 2-10, 4-12 (NC)				
		5-8, 7-11, 6-10, 8-12 (NO)				
POWER indicator						
OUT indicator						
Part number: GT5Y-*F		Operation mode selection: C				
Cycle	Operation mode	Item	Operation			
	Terminal No. Set Time 13-14 (power)		Set time			
	1-9, 3-11, 2-10, 4-12 (NC)					
	5-8, 7-11, 6-10, 8-12 (NO)					
	POWER indicator					
OUT indicator						
		Operation mode selection: D				
Cycle on	Operation mode	Item	Operation			
	Terminal No. set time 13-14 (power)		Set time			
	1-9, 4-12 (NC)	1-8, 3-11, 2-10, 4-12 (NC)				
	5-8, 8-12 (NO)	5-8, 7-11, 6-10, 8-12 (NO)				
	POWER indicator					
OUT indicator						

	Part number ending with	Current GT5Y Timers	New Enhanced GT5Y Timers
Power consumption	A200 (200V AC)	1.6 VA (60Hz), 1.5 VA (50Hz)	1.2 VA (60Hz), 1.2 VA (50Hz)
	A100 (100V AC)	1.4 VA (60Hz), 1.4 VA (50Hz)	1.1 VA (60Hz), 1.2 VA (50Hz)
	A24 (24V AC)	1.3 VA (60Hz), 1.3 VA (50Hz)	1.5 VA (60Hz), 1.6 VA (50Hz)
	D110 (110V DC)	1.5W	1.2W
	D100 (100V DC)	1.4W	1.2W

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For any questions or concerns, visit us online at www.IDEC.com/usa or email support@idec.com.