

PRODUCT SELECTION GUIDE

selec[®]
Creating Best Value



- Meters • CTs • Protection Relays • Power Factor Controllers
- Time Switches • Timers • Counters • Temperature Controllers
- Process Indicators • PLCs • HMI • Aluminium Enclosures

Analog Timers



600ST
90(H) x 17.5(W)mm



600XU
90(H) x 17.5(W)mm



600SD
90(H) x 17.5(W)mm



642SQ-A
90(H) x 17.5(W)mm



642XA
90(H) x 17.5(W)mm

FEATURES	<ul style="list-style-type: none"> • Single function - ON delay • 10 Time ranges 	<ul style="list-style-type: none"> • Multi function (13 Functions) • Precise analog time setting • Universal supply voltage 	<ul style="list-style-type: none"> • Star Delta • 1 NO for Star & 1 NO for Delta 	<ul style="list-style-type: none"> • 2 Functions • 8 Time ranges 	
MODES	ON delay	A, B, C, Ci, D, E, F, H, I, J, K, Ai, Bi	Star - Delta	ON delay / Interval	
TIME RANGES	0.1 - 1sec, 0.3 - 3sec, 1 - 10sec, 3 - 30sec, 0.1 - 1min, 0.3 - 3min, 1 - 10min, 3 - 30min, 0.1 - 1hr, 0.3 - 3hr		Run up time : 3 - 30sec, 6 - 60sec Change over : 50/100ms	0 - 3sec / min, 0 - 10sec / min, 0 - 30sec / min, 0 - 60sec / min	
RESOLUTION	0.1sec	0.1sec	--	0.3sec	
ACCURACY	Setting: $\pm 5\%$ of F.S Repeat: $\pm 0.5\%$ (F.S. = Full Scale) Pause time accuracy: $\pm 5\% \pm 5\text{ms}$				
OUTPUT CONTACT	1 C/O SPDT	1 C/O SPDT	1 C/O Relay each for Star & Delta	1 C/O SPDT	
CONTACT RATING	5A @ 250V AC or 24V DC				
SUPPLY VOLTAGE (AC : 50 / 60 Hz)	240V AC	20 to 240V AC, 12 to 240V DC	230V AC	230V AC, 24V AC / DC	20 to 240V AC, 12 to 240V DC
Modes	600XU A - ON delay, B - Interval, C - Repeat cycle equal OFF first, Ci - Repeat cycle equal ON first, D - Pulse output 500ms fixed, E - Delay on break, F - Delay on make / Delay on break, H - Interval after break, I - Single shot, J - Retriggerable single shot, K - Latching relay, Ai - Delay on break with Totalise, Bi - Interval with Totalise				

Analog Timers



800XU
75(H) x 22.5(W)mm



800XA
75(H) x 22.5(W)mm



800SQ-A
75(H) x 22.5(W)mm



800S
75(H) x 22.5(W)mm

FEATURES	<ul style="list-style-type: none"> • 2 Functions • 12 Time ranges • Universal supply voltage 	<ul style="list-style-type: none"> • 2 Functions • 8 Time ranges • Universal supply voltage 	<ul style="list-style-type: none"> • 2 Functions • 8 Time ranges 	<ul style="list-style-type: none"> • Single function • Fixed time range (60sec)
MODES	ON delay / Interval			ON delay
TIME RANGES	1 / 3 / 10 / 30sec / min / hr	3 / 10 / 30 / 60sec / min	3 / 10 / 30 / 60sec / min	60sec
RESOLUTION	0.1sec	0.3sec	0.3sec	6sec
ACCURACY	Setting: $\pm 5\%$ of F.S. Repeat: $\pm 0.5\%$ or 50ms (Whichever is greater)			
OUTPUT CONTACT	2 C/O DPDT	2 C/O DPDT	1 C/O SPDT	1 C/O SPDT
CONTACT RATING	5A @ 250V AC or 24V DC			
SUPPLY VOLTAGE (AC : 50 / 60 Hz)	20 to 240V AC, 12 to 240V DC		230V AC & 24V AC / DC	



800SD-2
75(H) x 22.5(W)mm



800XC
75(H) x 22.5(W)mm



800XMR
75(H) x 22.5(W)mm



800POD
75(H) x 22.5(W)mm

FEATURES	<ul style="list-style-type: none"> • Star Delta • 1 C/O Relay each for Star & Delta 	<ul style="list-style-type: none"> • Asymmetrical Cyclic • 6 Time ranges 	<ul style="list-style-type: none"> • Forward Pause Reverse • 1 C/O Relay each for Forward & Reverse 	<ul style="list-style-type: none"> • True Power OFF Delay • Fixed time range (180sec)
MODES	Star - Delta	Asymmetrical Cyclic ON first or OFF first	Forward - Pause - Reverse	True Power OFF Delay
TIME RANGES	Run up time : 30 / 60sec Change over : 50 / 100msec	1 / 10sec / min / hr for both ON & OFF time	ON time : 1 / 2 / 4 / 8min Pause time : 10 / 20 / 40 / 80s	180sec
RESOLUTION	---	0.1sec	ON time : 6s Pause time : 0.1s	7.5sec
ACCURACY	Setting: $\pm 0.5\%$ or 50ms, Repeat: $\pm 5\%$ of F.S.			Setting: $\pm 10\%$ of F.S. Repeat: $\pm 2\%$ or 100ms
OUTPUT CONTACT	1 C/O Relay each for Star & Delta	2 C/O DPDT	1 C/O Relay each for Forward & Reverse	2 C/O DPDT
CONTACT RATING	5A @ 250V AC or 24V DC			
SUPPLY VOLTAGE (AC : 50 / 60 Hz)	110V AC, 230V AC 230 to 415V AC	20 to 240V AC, 12 to 240V DC		110 to 240V AC / DC



55XU
48(H) x 48(W)mm



55XC
48(H) x 48(W)mm



55ES
48(H) x 48(W)mm

FEATURES	<ul style="list-style-type: none"> • Plug / Panel mount • ON delay / Interval • 12 Time ranges 	<ul style="list-style-type: none"> • Plug / Panel mount • Asymmetrical Cyclic ON - OFF • 6 Time ranges 	<ul style="list-style-type: none"> • Plug / Panel mount • ON delay / Interval • 8 Time ranges
BASE TYPE	P8 - 8 Pin plug, T8 - Screw terminal		
MODES	ON delay / Interval	Asymmetrical Cyclic ON first or OFF first	ON delay / Interval
TIME RANGE	1 / 3 / 10 / 30sec / min / hr	1 / 10sec / min / hr for both ON & OFF time	3 / 10 / 30 / 60sec / min
RESOLUTION	0.1sec		0.3sec
ACCURACY	Setting: $\pm 5\%$ of F.S., Repeat: $\pm 0.5\%$ or 50 ms		
OUTPUT CONTACT	2 C/O DPDT		1 C/O SPDT
CONTACT RATING	5A @ 250V AC or 24V DC		
SUPPLY VOLTAGE (AC : 50 / 60 Hz)	20 to 240V AC, 12 to 240V DC		230V AC, 24V AC / DC