

Time Delay Relays

Ordering code system

■ Ordering code system

- Super Timer MS4S series

M S 4 S M-AP 1T

① ② ③ ④ ⑤⑥ ⑦⑧

① Product category

Code	Description
M	Timer, counter

② Series category

Code	Description
S	Super timer

③ Timer size

Code	Description
4S	DIN 48mm square

④ Version

Code	Operation
M	Multimode operation
A	On-delay operation
C	On-delay operation with instantaneous contact
F	Off-delay operation
Y	For star-delta starting
E	On-delay power reset
R	Repeat operation
B	On-delay timer with setting part separated

⑤⑥ Input voltage

Code	Input voltage
A P	100-240V AC
C E	24V AC/DC
D L	48-127V DC

⑦⑧ Timing range

Code	Timing range
1 T	0.6 – 12s (MS4SF)
1 N	0.6 – 12min (MS4SF)

● Super Timer ST7P series

M S 7 P 2-AP 1T

① ② ③ ④ ⑤ ⑥⑦ ⑧⑨

① Product category

Code	Description
M	Timer, counter

② Series category

Code	Description
S	Super timer

③ Timer size

Code	Description
7	Miniature type

④ Mounting

Code	Mounting
P	Plug-in
B	Printed circuit board

⑤ Output contact

Code	Contact arrangement
2	Timed, 2PDT
4	Timed, 4PDT
Blank	Timed, SPDT (ST7PF only)

⑥⑦ Input voltage

Code	Input voltage
A 2	200-230V AC
A 1	100-120V AC
A P	240V AC
A E	24V AC
D 1	100-110V DC
D F	48V DC
D E	24V DC
D B	12V DC

⑧⑨ Timing range

Code	Timing range
P 5	0.06 – 0.5s(MS7P□,7B□)
1 S	0.1 – 1s(MS7P□,7B□)
3 S	0.3 – 3s(MS7P□,7B□)
5 S	0.4 – 5s(MS7P□,7B□)
1 T	1 – 10s(MS7P□,7B□)
3 T	2 – 30s(MS7P□,7B□)
6 T	4 – 60s(MS7P□,7B□)
3 M	0.25 – 3min(MS7P□,7B□)
1 N	1 – 10min(MS7P□,7B□)
3 N	2 – 30min(MS7P□,7B□)
6 N	4 – 60min(MS7P□,7B□)
2 H	0.2 – 2h(MS7P□,7B□)
6 H	0.5 – 6h(MS7P□,7B□)
1 J	1 – 12h(MS7P□,7B□)
2 J	2 – 24h(MS7P□,7B□)

● Socket (For MS4S)

Mounting	Terminal	Type	Ordering code
Surface	Screw	TP411X	MX41X2
Surface	Screw	TP48X	MX48X2
Flush	Screw	TP411SBA	MX41N1A
Flush	Screw	TP48SB	MX48N1
Flush	Soldering	ATX1NS	MX48NS
Flush	Soldering	ATX2NS	MX41NS

● Socket (For ST7P)

Mounting	Terminal	Type	Ordering code
Surface	Soldering	TP88	MX58
Surface	Soldering	TP814	MX54
Surface	Wire wrap	TP88R2	MX58R2
Surface	Wire wrap	TP814R2	MX54R2
Surface	P. C. board	TP88B	MX58B
Surface	P. C. board	TP814B	MX54B
Surface	Screw	TP88X2	MX58X2
Surface	Screw	TP814X2	MX54X2
Surface	Screw	TP88X1	MX58X1
Surface	Screw	TP814X1	MX54X1

● Accessory

Description	Type	Ordering code
Hold-down spring	FX3	MZ24
Adaptor	TX4	MZ34