

To All Customers

Rep No.C19005

November 11, 2019

Fuji Electric FA Components
& Systems Co., Ltd.

Notification regarding Discontinuation of Some MS4S Series Timers

We would like to thank you for your continued patronage of Fuji products.

We are writing to announce the production discontinuation of some of our products.

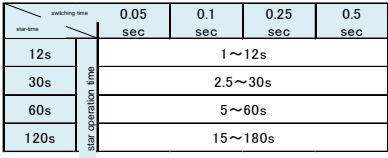
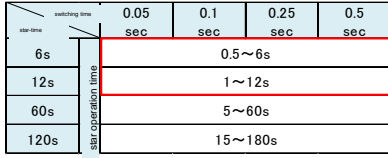
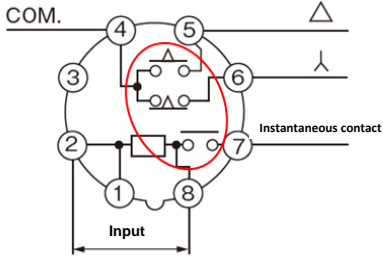
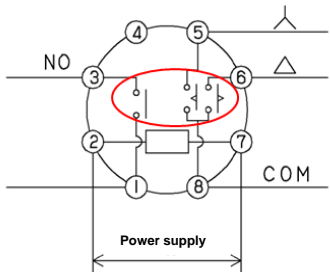
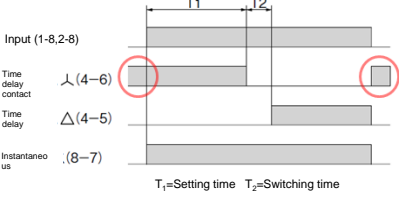
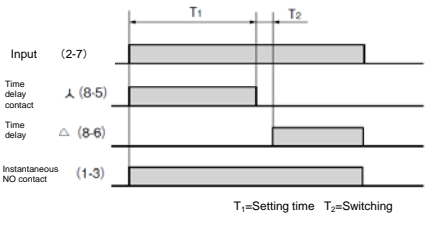
Details are described below.

Please review the following information and take appropriate actions.

Please also inform all related sections of your company of this discontinuation.

Product name	Timers							
Series name	MS4S Series timers							
Types	<p>The following types are applicable.</p> <p>Type: MS4SY-APB</p> <p>Includes special products of the above type.</p>							
Reason for termination	Streamlined and stable supply has become difficult due to discontinuation of internal electronic parts.							
Replacement model	<p>A comparison with the replacement product is given below.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Current product</th> <th style="width: 33%;">Replacement product</th> <th style="width: 34%;">Difference with current product</th> </tr> </thead> <tbody> <tr> <td>MS4SY-APB</td> <td>MS4SY-AP</td> <td>Contact arrangement, time range, wiring diagram, etc. *For details, see the attachment.</td> </tr> </tbody> </table>		Current product	Replacement product	Difference with current product	MS4SY-APB	MS4SY-AP	Contact arrangement, time range, wiring diagram, etc. *For details, see the attachment.
Current product	Replacement product	Difference with current product						
MS4SY-APB	MS4SY-AP	Contact arrangement, time range, wiring diagram, etc. *For details, see the attachment.						
Date of production termination	End of October 2020							
Attachments	Replacement Product Comparison							
Last order date	<p>End of February 2020</p> <p>(Please respond by the above date so that we can place our last order and procure parts from the supplier.)</p>							
Maintenance parts	There are no maintenance parts.							
Others	None.							

■ Replacement product comparison

		Current product	Replacement product																																																						
Types		MS4SY-APB	MS4SY-AP																																																						
S p e c i f i c a t i o n s	Operating mode	Star Delta	Star Delta																																																						
	Terminal count	8-pin	8-pin																																																						
	Contact arrangement	Time delay 1NC (Star output) Time delay 1NO (Delta output) Instantaneous 1NO	Time delay 1NO (Star output) Time delay 1NO (Delta output) Instantaneous 1NO																																																						
	Operating time	 <table border="1"> <tr> <th>star time</th> <th>switching time</th> <th>0.05 sec</th> <th>0.1 sec</th> <th>0.25 sec</th> <th>0.5 sec</th> </tr> <tr> <td>12s</td> <td rowspan="5">star operation time</td> <td colspan="4">1~12s</td> </tr> <tr> <td>30s</td> <td colspan="4">2.5~30s</td> </tr> <tr> <td>60s</td> <td colspan="4">5~60s</td> </tr> <tr> <td>120s</td> <td colspan="4">15~180s</td> </tr> </table>	star time	switching time	0.05 sec	0.1 sec	0.25 sec	0.5 sec	12s	star operation time	1~12s				30s	2.5~30s				60s	5~60s				120s	15~180s				 <table border="1"> <tr> <th>star time</th> <th>switching time</th> <th>0.05 sec</th> <th>0.1 sec</th> <th>0.25 sec</th> <th>0.5 sec</th> </tr> <tr> <td>6s</td> <td rowspan="5">star operation time</td> <td colspan="4">0.5~6s</td> </tr> <tr> <td>12s</td> <td colspan="4">1~12s</td> </tr> <tr> <td>60s</td> <td colspan="4">5~60s</td> </tr> <tr> <td>120s</td> <td colspan="4">15~180s</td> </tr> </table>	star time	switching time	0.05 sec	0.1 sec	0.25 sec	0.5 sec	6s	star operation time	0.5~6s				12s	1~12s				60s	5~60s				120s	15~180s			
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Rated voltage		100-240 V AC	100-240 V AC																																																						
Control output	250 V, 5 A AC (resistive load)	250 V, 5 A AC (resistive load)																																																							
Operating temperature range	-10 to +55°C	-10 to +55°C																																																							
Allowable relative humidity	35 to 85%	35 to 85%																																																							
Wiring diagram	 <p>COM. 4 5 6 7 8 Instantaneous contact Input</p>	 <p>NO 4 5 6 7 8 COM Power supply</p>																																																							
Operating pattern	 <p>Input (1-8,2-8) Time delay contact λ (4-6) Time delay Δ (4-5) Instantaneous (8-7) T_1=Setting time T_2=Switching time</p>	 <p>Input (2-7) Time delay contact λ (8-5) Time delay Δ (8-6) Instantaneous NO contact (1-3) T_1=Setting time T_2=Switching</p>																																																							

Note) The outer dimensions of current products and replacement products are the same.