

Product Information

MIC500 Ignition Controller

Product Discontinuation and Replacement

MOTORTECH announced the discontinuation of the MIC500 Ignition Controller from **December 31, 2021**. Last order possibilities of the device are given until **31.03.2021**. The last shipment will be on 31.12.2021.

A spare parts supply is guaranteed until 31.12.2021. Technical support is available beyond 2022.

15 % discount for orders until 31.12.2020

OLD

MIC500



NEW



Sales Flyer MIC Series



MIC3+
MOTORTECH IGNITION CONTROLLER



MIC4
MOTORTECH IGNITION CONTROLLER



MIC5
MOTORTECH IGNITION CONTROLLER

Feature		MIC3+ Series	MIC4 Series	MIC5 Series
General	Max. number of ignition outputs	12	16	20
	Max. number of pickups	2	3	3
	Power supply	10 to 32 V DC	10 to 32 V DC	16,8 to 32 V DC
	Permitted housing surface temperature	-40 °C to +60 °C -40 °F to +140 °F	-40 °C to +60 °C (LD) -40 °F to +140 °F (LD)	-40 °C to +70 °C -40 °F to +158 °F
Output	Max. primary voltage	250 V DC	250 V DC	250 V DC
	Max. ignition energy	300 mJ (500 mJ boost for start phase)	300 mJ (500 mJ boost for start phase)	500 mJ (600 mJ boost for start phase)
	Max. programmable spark duration	100 to 800 µsec	100 to 1000 µsec	100 to 1500 µsec
Housing	Available housing versions ¹⁾	Light Duty (LD)	Panel Mount (PM), Light Duty (LD), Heavy Duty (HD)	Heavy Duty (HD)
	Dimensions (length x width x height)	250 x 240 x 89.5 mm (LD) 9.84 x 9.45 x 3.52 in (LD)	304 x 240 x 95.5 mm (LD) 11.97 x 9.45 x 3.76 in (LD)	371 x 240 x 114.5 mm (HD) 14.61 x 9.45 x 4.51 in (HD)
	Protection class	IP54 (LD)	IP20 (PM), IP54 (LD), IP65 (HD)	IP65 (HD)
	Engine installation	not permitted	not permitted	not permitted
	Number of potentiometers for manual timing adjustment	0	2 (continuous)	2 (continuous)
	Input connection	MIL, 35 pole, pin (standard)	terminal strip (standard)	terminal strip (standard)
	Output connection	MIL, 17 pole, socket	MIL, 17 pole, socket	MIL, 35 pole, socket
	Number of status LEDs	5	6	6

¹⁾ Consult factory for information on the availability of housing styles.

MOTORTECH GmbH
Hogrevestr. 21-23
29223 Celle, Germany
Phone: +49 5141 - 93 99 0
Fax: +49 5141 - 93 99 99
www.motortech.de
motortech@motortech.de

MOTORTECH AMERICAS, LLC
1400 Dealers Avenue, Suite A
New Orleans, LA 70123
Phone: +1 504 355 4212
Fax: +1 504 355 4217
www.motortechamericas.com
info@motortechamericas.com

DISTRIBUTION

Customers / others	Yes
Representatives and Sales Partners	Yes
OEM partners	Yes
MOTORTECH subsidiaries	Yes

© Copyright 2020 MOTORTECH GmbH. All rights reserved.

MOTORTECH products and the MOTORTECH logo are registered and/or common law trademarks of MOTORTECH GmbH. All other trademarks and logos used or shown in the publication are the property of the respective rights holders and are used for reference purposes only.

The specifications mentioned in this document are subject to change without notice. All information and images are provided without guarantee.