

# PRODUCT REVISION

## ANNOUNCEMENT FOR CUSTOMERS

### Series MC revised

- > improved & optimized
- > fully compatible

MC



**GES**  
We connect High Voltage

April 2018

Dear Customers and Prospective Customers,

Innovation and continuous improvement are among the core elements of our corporate philosophy. Like other GES product series, the MC series also has a comprehensive upgrade this year. We thoroughly overhauled the design with the aim of increasing customer and user benefits.

Special attention during the revision was placed on functional design, homogenization of the materials as well as extending the vertical range of manufacture.

**Changeover period:** The changeover to the new variant will be smooth over the next few weeks and months - depending on the inventory of the old design. Just recently, the demand and sales of Series MC connectors have been unexpectedly high. Thus, the change from old to new housing will be sooner than originally planned.

## What to expect as a customer

The most important thing first: All types of the revised version are 100% compatible with all previously supplied MC connectors. Old and new connectors mate together. The mounting cutouts for panel mount sockets and plugs remain unchanged! Part numbers have changed, however. Please contact us for assistance.

At the heart of the design revision is the integration of cable strain relief and shield connection into the connector housing and thus the omission of an external optional cable gland. The new clamping system offers five finely graduated clamping sizes for cable outer diameters of 6.5 - 14mm.

In addition, instead of the integrated cable connection, we offer two types with an open M20 or M25 thread. In this way, cables can also be connected to the connector via protective hoses or corrugated pipes with the appropriate hose or corrugated pipe fittings.

### PLEASE NOTE

- ⇒ New Series MC
- ⇒ 100% compatible to previous versions
- ⇒ The mounting cutouts remain the same!
- ⇒ Adjusted descriptions
- ⇒ New part numbers with added version index

### IMPROVEMENTS SERIES MC

- ⇒ Integrated cable gland
- ⇒ Improved strain relief
- ⇒ Improved shield support
- ⇒ Higher IP class (IP63)
- ⇒ Fully compatible

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MC



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## Improvements at a glance

### COMPATIBILITY:

- Full compatibility with all previously supplied MC types
- Old and new connectors mate together
- Same mounting cutouts on the panel/chassis
- New part numbers with version index

### CONFIGURATION:

- Integrated cable gland instead of a separate cable gland. Also available with no cable gland.
- Finely tuned cable clamping with clamping rubbers sleeves for five clamping areas: 6.5-8mm | 8-9.5mm | 9.5-11mm | 11-12.5mm | 12.5-14mm
- Higher IP protection class (min. IP63)
- Improved shield support
- More robust housing
- Material harmonization: now uniform in nickel-plated brass
- Even more flexibility through additional adapter solution M20 and M25 threads for external cable or hose fittings

For more information, please feel free to contact our sales department at **516-232-2437** or [sales@ges-highvoltage.com](mailto:sales@ges-highvoltage.com)

*Kind regards,*  
**Markus Fesl / CEO**

Save the dates! Meet us at these exhibitions in 2018:

#### PCIM EUROPE

05.-07. Juni 2018, Nuremberg  
Hall 7 / Booth 114

#### SEMICON WEST

10.-12. Juli 2018, San Francisco  
South Hall / Booth 643

#### ELECTRONICA

13.-16. November, Munich  
To be announced...

### PROPERTIES SERIE MC

- ⇒ Pins: 2-5
- ⇒ Operating voltage: 10-15 kV DC
- ⇒ Testing voltage: 15-23 kV DC
- ⇒ Rated current: 13 A
- ⇒ CTI-value 600
- ⇒ Protection class: IP63
- ⇒ Flammability : UL94 V-0
- ⇒ Termination: solder / screw
- ⇒ Max. diameter dielectric: 4,0mm
- ⇒ Wire size: AWG 26-14

Type	Old P/N	Old description	New P/N	New description	Comment
<b>MC207</b>	5002010	GB-MC207 POM	5002010R	GB-MC207 POM	
	5002020	GS-MC207 POM	5002020R	GS-MC207 POM	
	5002030	KS-MC207 POM	5002030A	KS-MC207/6.5-8 POM	
			5002030B	KS-MC207/8-9.5 POM	
			5002030C	KS-MC207/9.5-11POM	
			5002030D	KS-MC207/11-12.5 POM	
			5002030E	KS-MC207/12.5-14 POM	
			5002030M	KS-MC207/M20 POM	Adapter version M20x1.5
			5002030N	KS-MC207/M25 POM	Adapter version M25x1.5
	5002040	KB-MC207 POM	5002040A	KB-MC207/6.5-8 POM	
			5002040B	KB-MC207/8-9.5 POM	
			5002040C	KB-MC207/9.5-11POM	
			5002040D	KB-MC207/11-12.5 POM	
			5002040E	KB-MC207/12.5-14 POM	
			5002040M	KB-MC207/M20 POM	Adapter version M20x1.5
			5002040N	KB-MC207/M25 POM	Adapter version M25x1.5
	5002041	KBI-MC207 POM	5002041A	KBI-MC207/6.5-8 POM	
			5002041B	KBI-MC207/8-9.5 POM	
			5002041C	KBI-MC207/9.5-11POM	
			5002041D	KBI-MC207/11-12.5 POM	
		5002041E	KBI-MC207/12.5-14 POM		
		5002041M	KBI-MC207/M20 POM	Adapter version M20x1.5	
		5002041N	KBI-MC207/M25 POM	Adapter version M25x1.5	

<b>MC307</b>	5003010	GB-MC307 POM	5003010R	GB-MC307 POM	
	5003020	GS-MC307 POM	5003020R	GS-MC307 POM	
	5003030	KS-MC307 POM	5003030A	KS-MC307/6.5-8 POM	
			5003030B	KS-MC307/8-9.5 POM	
			5003030C	KS-MC307/9.5-11POM	
			5003030D	KS-MC307/11-12.5 POM	
			5003030E	KS-MC307/12.5-14 POM	
			5003030M	KS-MC307/M20 POM	Adapter version M20x1.5
			5003030N	KS-MC307/M25 POM	Adapter version M25x1.5
	5003040	KB-MC307 POM	5003040A	KB-MC307/6.5-8 POM	
			5003040B	KB-MC307/8-9.5 POM	
			5003040C	KB-MC307/9.5-11POM	
			5003040D	KB-MC307/11-12.5 POM	
			5003040E	KB-MC307/12.5-14 POM	
			5003040M	KB-MC307/M20 POM	Adapter version M20x1.5
			5003040N	KB-MC307/M25 POM	Adapter version M25x1.5
	5003041	KBI-MC307 POM	5003041A	KBI-MC307/6.5-8 POM	
			5003041B	KBI-MC307/8-9.5 POM	
			5003041C	KBI-MC307/9.5-11POM	
			5003041D	KBI-MC307/11-12.5 POM	
		5003041E	KBI-MC307/12.5-14 POM		
		5003041M	KBI-MC307/M20 POM	Adapter version M20x1.5	
		5003041N	KBI-MC307/M25 POM	Adapter version M25x1.5	

<b>MC407</b>	5004010	GB-MC407 POM	5004010R	GB-MC407 POM	
	5004020	GS-MC407 POM	5004020R	GS-MC407 POM	
	5004030	KS-MC407 POM	5004030A	KS-MC407/6.5-8 POM	
			5004030B	KS-MC407/8-9.5 POM	
			5004030C	KS-MC407/9.5-11POM	
			5004030D	KS-MC407/11-12.5 POM	
			5004030E	KS-MC407/12.5-14 POM	
			5004030M	KS-MC407/M20 POM	Adapter version M20x1.5
			5004030N	KS-MC407/M25 POM	Adapter version M25x1.5
	5004040	KB-MC407 POM	5004040A	KB-MC407/6.5-8 POM	
		5004040B	KB-MC407/8-9.5 POM		

