

# EU-Type Examination Certificate

No. C5A 022629 0015 Rev. 02

**Holder of Certificate:** **Karl Dungs GmbH & Co. KG**  
Karl-Dungs-Platz 1  
73660 Urbach  
GERMANY

**Product:** **Fittings (Gas)**  
**Multifunctional control**

**MB- ... 4... B..**

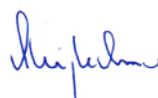
**PIN CE-0123CT1012**

The Certification Body of TÜV SÜD Product Service GmbH confirms according to Annex III (Module B) that the listed product complies with the relevant provisions according to Annex I of Regulation (EU) 2016/426 on appliances burning gaseous fuels. It refers only to the sample submitted for testing and certification and on its technical documentation. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** V-M 1534-04/22

**Valid until:** 2028-04-09

**Date,** 2022-10-06



( Johannes Steiglechner )

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No. C5A 022629 0015 Rev. 02

<b>Model(s):</b>	<p> <b>MB- DLE 405 B01 S.. (S20, S22, S23, S50, S52)</b>  <b>MB- D 405 B01 S.. (S20, S22, S50, S52)</b>  <b>MB- LE 405 B01 S.. (S20, S22, S23, S50, S52)</b>  <b>MB- 405 B01 S.. (S20, S22, S50, S52)</b>  <b>MB- DLE 405 B02 S.. (S00, S02)</b>  <b>MB- D 405 B02 S.. (S00, S02)</b>  <b>MB- LE 405 B02 S.. (S00, S02)</b>  <b>MB- 405 B02 S.. (S00, S02)</b>  <b>MB- DLE 405 B07 S.. (S22, S52, B07-1 S52)</b>  <b>MB- D 405 B07 S.. (S22, S52, B07-1 S52)</b>  <b>MB- LE 405 B07 S.. (S22, S52, B07-1 S52)</b>  <b>MB- 405 B07 S.. (S22, S52, B07-1 S52)</b>  <b>MB- ZRDLE 405 B01 S.. (S20, S22, S50, S52)</b>  <b>MB- ZRD 405 B01 S.. (S20, S22, S50, S52)</b>  <b>MB- ZRLE 405 B01 S.. (S20, S22, S50, S52)</b>  <b>MB- ZR 405 B01 S.. (S20, S22, S50, S52)</b>  <b>MB- ZRDLE 405 B02 S.. (S00, S02)</b>  <b>MB- ZRD 405 B02 S.. (S00, S02)</b>  <b>MB- ZRLE 405 B02 S.. (S00, S02)</b>  <b>MB- ZR 405 B02 S.. (S00, S02)</b>  <b>MB- ZRDLE 405 B07 S.. (S22, S52)</b>  <b>MB- ZRD 405 B07 S.. (S22, S52)</b>  <b>MB- ZRLE 405 B07 S.. (S22, S52)</b>  <b>MB- ZR 405 B07 S.. (S22, S52)</b>  <b>MB- DLE 407 B01 S.. (S20, S22, S50, S52)</b>  <b>MB- D 407 B01 S.. (S20, S22, S50, S52)</b>  <b>MB- LE 407 B01 S.. (S20, S22, S50, S52)</b>  <b>MB- 407 B01 S.. (S20, S22, S50, S52)</b>  <b>MB- DLE 407 B02 S.. (S00, S02)</b>  <b>MB- D 407 B02 S.. (S00, S02)</b>  <b>MB- LE 407 B02 S.. (S00, S02)</b>  <b>MB- 407 B02 S.. (S00, S02)</b>  <b>MB- DLE 407 B07 S.. (S22, S52, B07-1 S52)</b>  <b>MB- D 407 B07 S.. (S22, S52, B07-1 S52)</b>  <b>MB- LE 407 B07 S.. (S22, S52, B07-1 S52)</b>  <b>MB- 407 B07 S.. (S22, S52, B07-1 S52)</b>  <b>MB- ZRDLE 407 B01 S.. (S20, S22, S50, S52)</b>  <b>MB- ZRD 407 B01 S.. (S20, S22, S50, S52)</b>  <b>MB- ZRLE 407 B01 S.. (S20, S22, S50, S52)</b>  <b>MB- ZR 407 B01 S.. (S20, S22, S50, S52)</b>  <b>MB- ZRDLE 407 B02 S.. (S00, S02)</b>  <b>MB- ZRD 407 B02 S.. (S00, S02)</b>  <b>MB- ZRLE 407 B02 S.. (S00, S02)</b> </p>
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MB- ZR 407 B02 S.. (S00, S02)  
 MB- ZRDLE 407 B07 S.. (S22, S52)  
 MB- ZRD 407 B07 S.. (S22, S52)  
 MB- ZRLE 407 B07 S.. (S22, S52)  
 MB- ZR 407 B07 S.. (S22, S52)  
 MB- DLE 410 B01 S.. (S20, S22, S50, S52)  
 MB- D 410 B01 S.. (S20, S22, S50, S52)  
 MB- LE 410 B01 S.. (S20, S22, S50, S52)  
 MB- 410 B01 S.. (S20, S22, S50, S52)  
 MB- DLE 410 B02 S.. (S00, S02)  
 MB- D 410 B02 S.. (S00, S02)  
 MB- LE 410 B02 S.. (S00, S02)  
 MB- 410 B02 S.. (S00, S02)  
 MB- DLE 410 B07 S.. (S22, S52, B07-1 S52)  
 MB- D 410 B07 S.. (S22, S52, B07-1 S52)  
 MB- LE 410 B07 S.. (S22, S52, B07-1 S52)  
 MB- 410 B07 S.. (S22, S52, B07-1 S52)  
 MB- ZRDLE 410 B01 S.. (S20, S22, S50, S52)  
 MB- ZRD 410 B01 S.. (S20, S22, S50, S52)  
 MB- ZRLE 410 B01 S.. (S20, S22, S50, S52)  
 MB- ZR 410 B01 S.. (S20, S22, S50, S52)  
 MB- ZRDLE 410 B02 S.. (S00, S02)  
 MB- ZRD 410 B02 S.. (S00, S02)  
 MB- ZRLE 410 B02 S.. (S00, S02)  
 MB- ZR 410 B02 S.. (S00, S02)  
 MB- ZRDLE 410 B07 S.. (S22, S52)  
 MB- ZRD 410 B07 S.. (S22, S52)  
 MB- ZRLE 410 B07 S.. (S22, S52)  
 MB- ZR 410 B07 S.. (S22, S52)  
 MB- DLE 412 B01 S.. (S20, S22, S50, S52)  
 MB- D 412 B01 S.. (S20, S22, S50, S52)  
 MB- LE 412 B01 S.. (S20, S22, S50, S52)  
 MB- 412 B01 S.. (S20, S22, S50, S52)  
 MB- DLE 412 B02 S.. (S00, S02)  
 MB- D 412 B02 S.. (S00, S02)  
 MB- LE 412 B02 S.. (S00, S02)  
 MB- 412 B02 S.. (S00, S02)  
 MB- DLE 412 B07 S.. (S22, S52, B07-1 S52)  
 MB- D 412 B07 S.. (S22, S52, B07-1 S52)  
 MB- LE 412 B07 S.. (S22, S52, B07-1 S52)  
 MB- 412 B07 S.. (S22, S52, B07-1 S52)  
 MB- ZRDLE 412 B01 S.. (S20, S22, S50, S52)  
 MB- ZRD 412 B01 S.. (S20, S22, S50, S52)

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MB- ZRLE 412 B01 S.. (S20, S22, S50, S52)  
MB- ZR 412 B01 S.. (S20, S22, S50, S52)  
MB- ZRDLE 412 B02 S.. (S00, S02)  
MB- ZRD 412 B02 S.. (S00, S02)  
MB- ZRLE 412 B02 S.. (S00, S02)  
MB- ZR 412 B02 S.. (S00, S02)  
MB- ZRDLE 412 B07 S.. (S22, S52)  
MB- ZRD 412 B07 S.. (S22, S52)  
MB- ZRLE 412 B07 S.. (S22, S52)  
MB- ZR 412 B07 S.. (S22, S52)  
MB- DLE 415 B01 S.. (S20, S22, S50, S52)  
MB- D 415 B01 S.. (S20, S22, S50, S52)  
MB- LE 415 B01 S.. (S20, S22, S50, S52)  
MB- 415 B01 S.. (S20, S22, S50, S52)  
MB- ZRDLE 415 B01 S.. (S20, S22, S50, S52)  
MB- ZRD 415 B01 S.. (S20, S22, S50, S52)  
MB- ZRLE 415 B01 S.. (S20, S22, S50, S52)  
MB- ZR 415 B01 S.. (S20, S22, S50, S52)  
MB- DLE 420 B01 S.. (S20, S22, S50, S52)  
MB- D 420 B01 S.. (S20, S22, S50, S52)  
MB- LE 420 B01 S.. (S20, S22, S50, S52)  
MB- 420 B01 S.. (S20, S22, S50, S52)  
MB- ZRDLE 420 B01 S.. (S20, S22, S50, S52)  
MB- ZRD 420 B01 S.. (S20, S22, S50, S52)  
MB- ZRLE 420 B01 S.. (S20, S22, S50, S52)  
MB- ZR 420 B01 S.. (S20, S22, S50, S52)

The functions are defined as follows:

B01 : two automatic shut-off valves, pressure regulator,  
B02 : two automatic shut-off valves, no pressure regulator,  
B07 : same as B01 with internal bypass valve  
B07-1 : same as B01 with bypass valve with external connection

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Features of the automatic shut-off valves:

models	V2	adjustable opening time	main flow restrictor
MB- 4...,	single-stage	no	no
MB- D 4...,	single-stage	no	yes
MB- LE 4...,	single-stage	yes	no
MB- DLE 4...	single-stage	yes	yes
MB- ZR 4...,	two-stage	no	no
MB- ZRD 4...,	two-stage	no	yes
MB- ZRLE 4...,	two-stage	yes	no
MB- ZRDLE 4...	two-stage	yes	yes

The pressure regulator and the activation of the valves are marked as follows:  
valves are marked as follows:

- S00: without pressure regulator, valves actuated together
- S02: without pressure regulator, separate actuated valves
- S20: outlet pressure range 4 to 20 mbar, valves actuated together
- S23: same as S20 with additional plug-in flow restrictor
- S22: outlet pressure range 4 to 20 mbar, separate actuated valves
- S50: outlet pressure range 4 to 50 mbar, valves actuated together
- S52: outlet pressure range 4 to 50 mbar, separate actuated valves

## Technical data / range of application

gas family	all gases of 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> gas family
valve class acc. to DIN EN 161	A
regulator class acc. to DIN EN 88-1	A
group according to DIN EN 13611	2
max. operating pressure	360 mbar / 36 kPa
range of regulator	4 – 20 mbar / 0,4 – 2 kPa or 4 – 50 mbar / 0,4 – 5 kPa
ambient temperature	-15°C to +70°C
installation position	actuator in vertical to horizontal position
electrical data	
all models:	AC 230 V or AC 220 – 230 V; 50 – 60 Hz; IP 54



Product Service

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Further rated voltages:

MB 405 B01 S20	AC 100 V, AC 110 V, AC 200 V
MB-DLE 405 B01 S20	AC 110 V, AC 200 V
MB-ZRDLE 405 B01 S20	AC 100 V, AC 110 V, AC 200 V
MB-D 407 B01 S20	AC 110 V, AC 200 V
MB 412 B01 S20	AC 100 V, AC 110 V, AC 200 V
MB-DLE 412 B01 S20	AC 110 V, AC 200 V
MB-ZRDLE 412 B01 S20	AC 100 V, AC 110 V, AC 200 V
MB 415 B01 S20	AC 110 V, AC 200 V
MB-DLE 415 B01 S20, S50	AC 100 V, AC 110 V, AC 200 V
MB 420 B01 S20	AC 110 V, AC 200 V
MB-DLE 420 B01 S20, S50	AC 100 V, AC 110 V, AC 200 V

## Further details

Furthermore, the multifunctional controls fulfil the requirements of ISO 23551-8:2016 together with ISO 23551-1:2012 and ISO 23550:2011 including the specific regional requirements in European countries according to Annex E as well as the requirements of ISO 23551-2:2018 together with ISO 23550:2018 including the specific regional requirements in European countries according to Annex F.

**Tested according to:**

- DIN EN 126:2012**
- DIN EN 161:2013**
- DIN EN 88-1:2016**
- DIN EN 13611:2011**

# EU-Baumusterprüfbescheinigung

Nr. C5A 022629 0015 Rev. 02

**Zertifikatsinhaber:** **Karl Dungs GmbH & Co. KG**  
Karl-Dungs-Platz 1  
73660 Urbach  
DEUTSCHLAND

**Produkt:** **Ausrüstungen (Gas)**  
**Mehrfachstellgerät**

**MB- ... 4... B..**

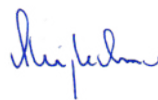
**PIN CE-0123CT1012**

Die Zertifizierstelle von TÜV SÜD Product Service GmbH bestätigt gemäß Anhang III (Modul B) die Übereinstimmung des bezeichneten Produktes mit den wesentlichen Anforderungen gemäß Anhang I der Verordnung (EU) 2016/426 über Geräte zur Verbrennung gasförmiger Brennstoffe. Prüfgrundlage ist ausschließlich das zur Prüfung und Zertifizierung vorgestellte Prüfmuster sowie dessen technische Dokumentation. Details siehe bitte: [www.tuvsud.com/ps-zert](http://www.tuvsud.com/ps-zert)

**Prüfbericht Nr.:** V-M 1534-04/22

**Gültig bis:** 2028-04-09

**Datum,** 2022-10-06



( Johannes Steiglechner )

# EU-Baumusterprüfbescheinigung

Nr. C5A 022629 0015 Rev. 02

Modell(e):	MB- D 405 B01 S.. (S20, S22, S50, S52)
	MB- LE 405 B01 S.. (S20, S22, S23, S50, S52)
	MB- 405 B01 S.. (S20, S22, S50, S52)
	MB- DLE 405 B02 S.. (S00, S02)
	MB- D 405 B02 S.. (S00, S02)
	MB- LE 405 B02 S.. (S00, S02)
	MB- 405 B02 S.. (S00, S02)
	MB- DLE 405 B07 S.. (S22, S52, B07-1 S52)
	MB- D 405 B07 S.. (S22, S52, B07-1 S52)
	MB- LE 405 B07 S.. (S22, S52, B07-1 S52)
	MB- 405 B07 S.. (S22, S52, B07-1 S52)
	MB- ZRDLE 405 B01 S.. (S20, S22, S50, S52)
	MB- ZRD 405 B01 S.. (S20, S22, S50, S52)
	MB- ZRLE 405 B01 S.. (S20, S22, S50, S52)
	MB- ZR 405 B01 S.. (S20, S22, S50, S52)
	MB- ZRDLE 405 B02 S.. (S00, S02)
	MB- ZRD 405 B02 S.. (S00, S02)
	MB- ZRLE 405 B02 S.. (S00, S02)
	MB- ZR 405 B02 S.. (S00, S02)
	MB- ZRDLE 405 B07 S.. (S22, S52)
	MB- ZRD 405 B07 S.. (S22, S52)
	MB- ZRLE 405 B07 S.. (S22, S52)
	MB- ZR 405 B07 S.. (S22, S52)
	MB- DLE 407 B01 S.. (S20, S22, S50, S52)
	MB- D 407 B01 S.. (S20, S22, S50, S52)
	MB- LE 407 B01 S.. (S20, S22, S50, S52)
	MB- 407 B01 S.. (S20, S22, S50, S52)
	MB- DLE 407 B02 S.. (S00, S02)
	MB- D 407 B02 S.. (S00, S02)
	MB- LE 407 B02 S.. (S00, S02)
	MB- 407 B02 S.. (S00, S02)
	MB- DLE 407 B07 S.. (S22, S52, B07-1 S52)
	MB- D 407 B07 S.. (S22, S52, B07-1 S52)
	MB- LE 407 B07 S.. (S22, S52, B07-1 S52)
	MB- 407 B07 S.. (S22, S52, B07-1 S52)
	MB- ZRDLE 407 B01 S.. (S20, S22, S50, S52)
	MB- ZRD 407 B01 S.. (S20, S22, S50, S52)
	MB- ZRLE 407 B01 S.. (S20, S22, S50, S52)
	MB- ZR 407 B01 S.. (S20, S22, S50, S52)
	MB- ZRDLE 407 B02 S.. (S00, S02)
	MB- ZRD 407 B02 S.. (S00, S02)
	MB- ZRLE 407 B02 S.. (S00, S02)
	MB- ZR 407 B02 S.. (S00, S02)

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TÜV SÜD Product Service GmbH ist notifizierte Stelle gemäß der Verordnung (EU) 2016/426 über Geräte zur Verbrennung gasförmiger Brennstoffe mit der Kennnummer 0123.



# EU-Baumusterprüfbescheinigung

Nr. C5A 022629 0015 Rev. 02

MB- ZRDLE 407 B07 S.. (S22, S52)  
MB- ZRD 407 B07 S.. (S22, S52)  
MB- ZRLE 407 B07 S.. (S22, S52)  
MB- ZR 407 B07 S.. (S22, S52)  
MB- DLE 410 B01 S.. (S20, S22, S50, S52)  
MB- D 410 B01 S.. (S20, S22, S50, S52)  
MB- LE 410 B01 S.. (S20, S22, S50, S52)  
MB- 410 B01 S.. (S20, S22, S50, S52)  
MB- DLE 410 B02 S.. (S00, S02)  
MB- D 410 B02 S.. (S00, S02)  
MB- LE 410 B02 S.. (S00, S02)  
MB- 410 B02 S.. (S00, S02)  
MB- DLE 410 B07 S.. (S22, S52, B07-1 S52)  
MB- D 410 B07 S.. (S22, S52, B07-1 S52)  
MB- LE 410 B07 S.. (S22, S52, B07-1 S52)  
MB- 410 B07 S.. (S22, S52, B07-1 S52)  
MB- ZRDLE 410 B01 S.. (S20, S22, S50, S52)  
MB- ZRD 410 B01 S.. (S20, S22, S50, S52)  
MB- ZRLE 410 B01 S.. (S20, S22, S50, S52)  
MB- ZR 410 B01 S.. (S20, S22, S50, S52)  
MB- ZRDLE 410 B02 S.. (S00, S02)  
MB- ZRD 410 B02 S.. (S00, S02)  
MB- ZRLE 410 B02 S.. (S00, S02)  
MB- ZR 410 B02 S.. (S00, S02)  
MB- ZRDLE 410 B07 S.. (S22, S52)  
MB- ZRD 410 B07 S.. (S22, S52)  
MB- ZRLE 410 B07 S.. (S22, S52)  
MB- ZR 410 B07 S.. (S22, S52)  
MB- DLE 412 B01 S.. (S20, S22, S50, S52)  
MB- D 412 B01 S.. (S20, S22, S50, S52)  
MB- LE 412 B01 S.. (S20, S22, S50, S52)  
MB- 412 B01 S.. (S20, S22, S50, S52)  
MB- DLE 412 B02 S.. (S00, S02)  
MB- D 412 B02 S.. (S00, S02)  
MB- LE 412 B02 S.. (S00, S02)  
MB- 412 B02 S.. (S00, S02)  
MB- DLE 412 B07 S.. (S22, S52, B07-1 S52)  
MB- D 412 B07 S.. (S22, S52, B07-1 S52)  
MB- LE 412 B07 S.. (S22, S52, B07-1 S52)  
MB- 412 B07 S.. (S22, S52, B07-1 S52)  
MB- ZRDLE 412 B01 S.. (S20, S22, S50, S52)  
MB- ZRD 412 B01 S.. (S20, S22, S50, S52)  
MB- ZRLE 412 B01 S.. (S20, S22, S50, S52)

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TÜV SÜD Product Service GmbH ist notifizierte Stelle gemäß der Verordnung (EU) 2016/426 über Geräte zur Verbrennung gasförmiger Brennstoffe mit der Kennnummer 0123.

# EU-Baumusterprüfbescheinigung

Nr. C5A 022629 0015 Rev. 02

MB- ZR 412 B01 S.. (S20, S22, S50, S52)  
MB- ZRDLE 412 B02 S.. (S00, S02)  
MB- ZRD 412 B02 S.. (S00, S02)  
MB- ZRLE 412 B02 S.. (S00, S02)  
MB- ZR 412 B02 S.. (S00, S02)  
MB- ZRDLE 412 B07 S.. (S22, S52)  
MB- ZRD 412 B07 S.. (S22, S52)  
MB- ZRLE 412 B07 S.. (S22, S52)  
MB- ZR 412 B07 S.. (S22, S52)  
MB- DLE 415 B01 S.. (S20, S22, S50, S52)  
MB- D 415 B01 S.. (S20, S22, S50, S52)  
MB- LE 415 B01 S.. (S20, S22, S50, S52)  
MB- 415 B01 S.. (S20, S22, S50, S52)  
MB- ZRDLE 415 B01 S.. (S20, S22, S50, S52)  
MB- ZRD 415 B01 S.. (S20, S22, S50, S52)  
MB- ZRLE 415 B01 S.. (S20, S22, S50, S52)  
MB- ZR 415 B01 S.. (S20, S22, S50, S52)  
MB- DLE 420 B01 S.. (S20, S22, S50, S52)  
MB- D 420 B01 S.. (S20, S22, S50, S52)  
MB- LE 420 B01 S.. (S20, S22, S50, S52)  
MB- 420 B01 S.. (S20, S22, S50, S52)  
MB- ZRDLE 420 B01 S.. (S20, S22, S50, S52)  
MB- ZRD 420 B01 S.. (S20, S22, S50, S52)  
MB- ZRLE420 B01 S.. (S20, S22, S50, S52)  
MB- ZR 420 B01 S.. (S20, S22, S50, S52)

Die Funktionen werden wie folgt definiert:

- B01 : zwei automatische Absperrventile, Druckregler
- B02 : zwei automatische Absperrventile, ohne Druckregler
- B07 : wie B01 mit internem Bypass-Ventil
- B07-1 : wie B01 mit Bypassventil mit externem Anschluss

# EU-Baumusterprüfbescheinigung

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Ausstattung der automatischen Absperrventile:

Ausführungen	V2	Öffnungsverhalten einstellbar	Hauptmengendrossel vorhanden
MB- 4...	einstufig	nein	nein
MB- D 4...	einstufig	nein	ja
MB- LE 4...	einstufig	ja	nein
MB- DLE 4...	einstufig	ja	ja
MB- ZR 4...	zweistufig	nein	nein
MB- ZRD 4...	zweistufig	nein	ja
MB- ZRLE 4...	zweistufig	ja	nein
MB- ZRDLE 4...	zweistufig	ja	ja

Der Druckregler und die Ansteuerung der Ventile sind wie folgt gekennzeichnet:

- S00: ohne Druckregler, Ventile gemeinsam angesteuert
- S02: ohne Druckregler, Ventile getrennt angesteuert
- S20: Ausgangsdruckbereich 4 bis 20 mbar, Ventile gemeinsam angesteuert
- S23: wie S20, mit zusätzlicher Einsteckdrossel
- S22: Ausgangsdruckbereich 4 bis 20 mbar, Ventile getrennt angesteuert
- S50: Ausgangsdruckbereich 4 bis 50 mbar, Ventile gemeinsam angesteuert
- S52: Ausgangsdruckbereich 4 bis 50 mbar, Ventile getrennt angesteuert

## Technische Daten / Verwendungsbereich

Gasfamilie	alle Gase der 1., 2. und 3. Gasfamilie
Ventilkategorie nach DIN EN 161	A
Reglerklasse nach DIN EN 88-1	A
Gruppe nach DIN EN 13611	2
Max. Betriebsdruck	360 mbar / 36 kPa
Ausgangsdruckbereich	4 – 20 mbar / 0,4 – 2 kPa oder 4 – 50 mbar / 0,4 – 5 kPa
Umgebungstemperatur	-15°C bis +70°C
Einbaueinlage	Antrieb senkrecht stehend bis waagrecht liegend
Elektrische Daten	
Alle Ausführungen:	AC 230 V oder AC 220 – 230 V; 50 – 60 Hz IP 54



Product Service

# EU-Baumusterprüfbescheinigung

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Weitere Nennspannungen:

MB 405 B01 S20	AC 100 V, AC 110 V, AC 200 V
MB-DLE 405 B01 S20	AC 110 V, AC 200 V
MB-ZRDLE 405 B01 S20	AC 100 V, AC 110 V, AC 200 V
MB-D 407 B01 S20	AC 110 V, AC 200 V
MB 412 B01 S20	AC 100 V, AC 110 V, AC 200 V
MB-DLE 412 B01 S20	AC 110 V, AC 200 V
MB-ZRDLE 412 B01 S20	AC 100 V, AC 110 V, AC 200 V
MB 415 B01 S20	AC 110 V, AC 200 V
MB-DLE 415 B01 S20, S50	AC 100 V, AC 110 V, AC 200 V
MB 420 B01 S20	AC 110 V, AC 200 V
MB-DLE 420 B01 S20, S50	AC 100 V, AC 110 V, AC 200 V

## Weitere Angaben

Die Mehrfachstellgeräte erfüllen auch die Anforderungen der ISO 23551-8:2016 in Verbindung mit ISO 23551-1:2012 und ISO 23550:2011 einschließlich der spezifischen regionalen Anforderungen in Europäischen Ländern gemäß Anhang E sowie die Anforderungen der ISO 23551-2:2018 in Verbindung mit ISO 23550:2018 einschließlich der spezifischen regionalen Anforderungen in Europäischen Ländern gemäß Anhang F.

**Geprüft nach:**

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