

# Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **61 888 - 14 HH**

Company **WAGO Kontakttechnik GmbH & Co. KG**  
**Hansastr. 27**  
**32423 Minden, GERMANY**

Product Description **Electronic Circuit Breaker**

Type **787-1662, 787-1664, 787-1668 in different variants**

Environmental Category **C, EMC2**

Technical Data /  
Range of Application **The electronic circuit breaker distributes and monitors the load current over several current circuits. Overloads and short circuits on an output are recognized. In case of short circuits or longer overloads on the output of a channel, the affected circuit will be shut down.**  
**Nominal input voltage: 12 V DC or 24 V DC**  
**Nominal output voltage: 12 V DC or 24 V DC**  
**3 signal contacts:**  
**S1: Signal input (On/Off Reset)**  
**S2: Signal output (Status output channels, short circuit proof)**  
**S3: Signal output (Summation message, short circuit proof)**  
**As an alternative useage, S1 and S2 could be used for Informationsexchange with a PLC by using the Manchester-Code based on IEEE 802.3**  
**Status display (for each output): LED (red, green, orange)**  
**Connection type: WAGO plug-connection**  
**Mounting an standard rail TH35**  
**Software version: 2.x**

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2, Edition 2012**

Documents **Test reports: BLOCKLAB no. GL-130601 (19.09.13) + no. GL-130602 (19.09.13), Phoenix TESTLAB no. E132538E1(09.09.13); Data sheets, part lists, drawings acc. to submitted files; Declaration for customer specific presetting (05.03.14)**

Remarks **None**

Valid until **2018-10-27**

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File No. **I.L.09**

**Hamburg, 2014-04-09**

Type Approval Symbol



**Germanischer Lloyd**

  
Marco Rinkel

  
Klaus-Peter Schröder

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## Further Technical Data / Range of Application

787-1662: 24 VDC / 2 x 10 A, 2 channels, 2-10 A nominal current  
787-1662/0000-00xx: 24 VDC / 2 x 10 A, 2 channels, 2-10 A nominal current, customer specific presetting  
787-1664: 24 VDC / 4 x 10 A, 4 channels, 2-10 A nominal current  
787-1664/0000-00xx: 24 VDC / 4 x 10 A, 4 channels, 2-10 A nominal current, customer specific presetting  
787-1668: 24 VDC / 8 x 10 A, 8 channels, 2-10 A nominal current  
787-1668/0000-00xx: 24 VDC / 8 x 10 A, 8 channels, 2-10 A nominal current, customer specific presetting

787-1662/0106-0000: 24 VDC / 2 x 6 A, 2 channels, 1-6 A nominal current  
787-1662/0106-00xx: 24 VDC / 2 x 6 A, 2 channels, 1-6 A nominal current, customer specific presetting  
787-1664/0106-0000: 24 VDC / 4 x 6 A, 4 channels, 1-6 A nominal current  
787-1664/0106-00xx: 24 VDC / 4 x 6 A, 4 channels, 1-6 A nominal current, customer specific presetting  
787-1668/0106-0000: 24 VDC / 8 x 6 A, 8 channels, 1-6 A nominal current  
787-1668/0106-00xx: 24 VDC / 8 x 6 A, 8 channels, 1-6 A nominal current, customer specific presetting

787-1662/0006-1000: 24 VDC / 2 x 6 A, 2 channels, 0.5-6 A nominal current  
787-1662/0006-10xx: 24 VDC / 2 x 6 A, 2 channels, 0.5-6 A nominal current, customer specific presetting  
787-1664/0006-1000: 24 VDC / 4 x 6 A, 4 channels, 0.5-6 A nominal current  
787-1664/0006-10xx: 24 VDC / 4 x 6 A, 4 channels, 0.5-6 A nominal current, customer specific presetting  
787-1668/0006-1000: 24 VDC / 8 x 6 A, 8 channels, 0.5-6 A nominal current  
787-1668/0006-10xx: 24 VDC / 8 x 6 A, 8 channels, 0.5-6 A nominal current, customer specific presetting

787-1662/0000-0100: 12 VDC / 2 x 10 A, 2 channels, 2-10 A nominal current  
787-1662/0000-01xx: 12 VDC / 2 x 10 A, 2 channels, 2-10 A nominal current, customer specific presetting  
787-1664/0000-0100: 12 VDC / 4 x 10 A, 4 channels, 2-10 A nominal current  
787-1664/0000-01xx: 12 VDC / 4 x 10 A, 4 channels, 2-10 A nominal current, customer specific presetting  
787-1668/0000-0100: 12 VDC / 8 x 10 A, 8 channels, 2-10 A nominal current  
787-1668/0000-01xx: 12 VDC / 8 x 10 A, 8 channels, 2-10 A nominal current, customer specific presetting

Valid until **2018-10-27**

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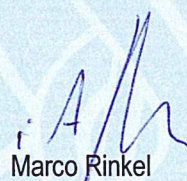
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