

# 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. 26 898 - 05 HH

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

Product Description I/O-System

Type 750, 753 (I/O modules of Series 750 represent Series 753.  
Series 753 modules include connector 753-110).

Environmental Category C\*, D, EMC1

Technical Data / Range of Application  
Interface Module  
750-650/...-...: Serial, RS232 C  
750-651/...-...: TTY, 20mA Current Loop  
750-653/...-...: Serial, RS485  
750-655: AS-Interface Master  
  
Special Module  
750-404/...-...: Up/ Down Counter 24V DC 100kHz  
750-600: End Module  
750-608: Trimmer Module, 1 Kohm, +/-12V DC  
750-614: Potential Multiplication  
750-616: Separation Module  
750-624: Field Supply Filter, 24V DC  
750-626: Power Supply Filter (Surge), 24V DC  
750-654/...-...: Data Exchange

Test Standard Guidelines for the Performance of Type Approvals, Chapter 2, Edition 2003

Documents Test report :EK0016\_1/00-5/00; EMV Services 00/0206-1/2/3/4/5, EK0027\_01-05\_05;  
EK 0021/04; EK 0007/05, EK 0005/05; EK 0054/03; EK 0025/05; EK0016\_05;  
EMVP06\_0412; 15468; 15469; 15470; Questionnaire Software Requirement Class 3;  
Documents and drawings according to submitted files.

Remarks The additional voltage supply regulations for certified implementation in shipping  
industry must be observed. Further types: Certificate no. 59627-08HH+11631-10HH.

Valid until 2012-07-17

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File No. I.B.07

Hamburg, 2010-12-10

Type Approval Symbol



Germanischer Lloyd

Burkhard Lilienthal

Klaus-Peter Schröder

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## Fieldbus Controller

750-806/...-...: DeviceNet, 125-500KB  
750-812/...-...: Modbus, RS485/ 0,15-19,2KB  
750-814/...-...: Modbus, RS232/ 0,15-19,2KB  
750-815/...-...: Modbus, RS485/ 1,2-115,2KB  
750-816/...-...: Modbus, RS232/ 1,2-115,2KB  
750-833/...-...: Profibus DP, V1/ 12MB  
750-837/...-...: CANopen, 10KB-1MB  
750-841/...-...: Ethernet, 100 Mbit/s  
750-842/...-...: Ethernet TCP/IP, 10MB

## Digital Input Module

750-400: 2 DI, 24V DC, 3.0ms  
750-401: 2 DI, 24V DC, 0.2ms  
750-402: 4 DI, 24V DC, 3.0ms  
750-403: 4 DI, 24V DC, 0.2ms  
750-405: 2 DI, 230V AC, 10ms  
750-406: 2 DI, 120V AC, 10ms  
750-410: 2 DI, 24V DC, 3.0ms, prox. Switch  
750-411: 2 DI, 24V DC, 0.2ms, prox. Switch  
750-415: 4 DI, 24V AC/DC, 20ms  
750-418: 2 DI, 24V DC, 3.0ms, diag., reset  
750-419: 2 DI, 24V DC, 3.0ms, diag.  
750-421: 2 DI, 24V DC, 3.0ms, diag.  
750-423: 4 DI, 24V AC/DC, 50ms  
750-424: 2 DI, wirebreak detec., 24V DC  
750-430: 8 DI, 24V DC, 3.0ms  
750-431: 8 DI, 24V DC, 0.2ms  
750-432: 4 DI, 24V DC, 3.0ms  
750-433: 4 DI, 24V DC, 0.2ms  
750-435: 1 DI, Namur Ex i  
750-436: 8 DI, 24V DC, 3.0ms  
750-437: 8 DI, 24V DC, 0.2ms  
750-438: 2DI, Namur Ex i

## Fieldbus Coupler

750-303/...-...: Profibus DP/ FMS 12MB  
750-306/...-...: DeviceNet, 125-500KB  
750-312/...-...: Modbus, RS485 / 0.15-19.2KB  
750-314/...-...: Modbus, RS232 / 0.15-19.2KB  
750-315/...-...: Modbus, RS485 / 1.2-115.2KB  
750-316/...-...: Modbus, RS232 / 1.2-115.2KB  
750-323/...-...: Profibus DP / 12MB / Econ  
750-327/...-...: CANopen, 10KB-1MB / Econ  
750-333/...-...: Profibus DP / V1 / 12MB  
750-337/...-...: CANopen, 10KB-1MB  
750-341/...-...: Ethernet, 100 Mbit/s  
750-342/...-...: Ethernet TCP/IP, 10MB

## Digital Output Module

750-501: 2 DO, 24V DC, 0.5A, s.c.p.  
750-502: 2 DO, 24V DC, 2A, s.c.p.  
750-504: 4 DO, 24V DC, 0.5A, s.c.p.  
750-507: 2 DO, 24V DC  
750-508: 2 DO, 24V DC, 2A  
750-509: 2 DO, 230V AC, 0.3A, solid-state relay  
750-512: 2 DO, 250V AC, 2A, 2NO common point  
750-513: 2 DO, 250V AC, 2A, 2NO potential free  
750-514: 2 DO, 125V AC  
750-516: 4 DO, 24V DC  
750-517: 2 DO, 250V AC, 1A, 2CO potential free  
750-523: 1 DO, 230V AC, 16A  
750-530: 8 DO, 24V DC, 0.5A  
750-531: 4 DO, 24V DC, 0.5A, 2-wire  
750-535: 2 DO, 24V DC, Ex i  
750-536: 8 DO, 24V DC, 0.5A  
750-537: 8 DO, 24V DC, 0.5A, diagnostic

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## Analog Input Module

750-452/...-...: 2 AI, 0-20mA, differential  
750-453/...-...: 4 AI, 0-20mA, s.e.  
750-454/...-...: 2 AI, 4-20mA, differential  
750-455/...-...: 4 AI, 4-20mA, s.e.  
750-456/...-...: 2 AI, +/-10V, differential inputs  
750-457/...-...: 4 AI, +/-10V, s.e.  
750-459/...-...: 4 AI, 0-10V, s.e.  
750-461/...-...: 2 AI, Pt100/ RTD/ status  
750-462/...-...: 2 AI, Thermocouple  
750-468/...-...: 4 AI, 0-10V, s.e.  
750-469/...-...: 2 AI, Thermocouple/ diagn.  
750-470/...-...: 2 AI, 0-20mA, s.e., s.c.p.  
750-470/005-000: 2 AI, 0-20mA, s.e., s.c.p., 60Hz  
750-472/...-...: 2 AI, 0-20mA, 16 Bit, s.e.  
750-473/...-...: 2 AI, 4-20mA, s.e., s.c.p.  
750-473/005-000: 2 AI, 4-20mA, s.e., s.c.p., 60Hz  
750-474/...-...: 2 AI, 4-20mA, 16 Bit, s.e.  
750-476/...-...: 2 AI, +/-10V, 16 Bit, s.e.  
750-478/...-...: 2 AI, 0-10V, 16 Bit, s.e.  
750-479/...-...: 2 AI, +/-10V  
750-481/003-000: 2AI, RTD Ex i  
750-483/...-...: 2 AI, 0-30V  
750-485/...-...: 2 AI, 4-20mA, Ex i

## Analog Output Module

750-552/...-...: 2 AO, 0-20mA, 12 Bit  
750-553/...-...: 4 AO, 0-20mA, 12 Bit  
750-554/...-...: 2 AO, 4-20mA, 12 Bit  
750-555/...-...: 4 AO, 4-20mA, 12 Bit  
750-550/...-...: 2 AO, 0-10V DC, 12 Bit  
750-556/...-...: 2 AO, +/-10V DC, 12 Bit  
750-557/...-...: 4 AO, +/-10V DC, 12 Bit  
750-559/...-...: 4 AO, 0-10V DC, 12 Bit  
750-585/...-...: 2 AO, 0-20mA, Ex i

## Power Supply Module

750-601: 24V DC, fuse  
750-602: 24V DC  
750-609: 230V AC, fuse  
750-610: 24V DC, fuse, diag.  
750-611: 230V AC, fuse, diag.  
750-612: 0-230V AC/DC, passive  
750-613: Bus, 24V DC, 5V DC, 2A  
750-625: 24V DC, Ex i  
787-913: 230V AC/ 24V DC 5A [\* environmental category C]

## Programming Software

759-332: WAGO-I/O-Pro 32  
759-333: WAGO-I/O-Pro CAA

## Accessories

750-960: Profibus connector, D-Sub male  
750-963: CANopen connector  
750-970: Profibus connector, D-Sub male & female  
750-975: Ethernet connector

...-... = may be any digit; s.e. = single-ended; s.c.p. = short-circuit-protected; diag. = diagnosis

## Further Documents / Test reports

WAGO: EMVP08\_0139 (12.12.08), EMVP08\_0479 (05.12.08), EMVP09\_0280 (08.09.09)

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