Approvals Overview WAGO-I/O-SYSTEM 750

Variations available upon request (item no. with extension /...-...). Current approvals overview also on the Internet at www.wago.com

	Approval	Reference
c UL us	c UL us	E175199, UL 508
ABS	ABS (American Bureau of Shipping)	03-HG374860/2-PDA; 05-ES578983-X
BV	BV (Bureau Veritas)	13453/B0 BV
DNV	DNV (Det Norske Veritas)	A-10191; Cl. B
GL	GL (Germanischer Lloyd)	26 624-05; 26 898-05 HH; Cat. A, B, C, D (EMC 1)
KR	KR (Korean Register of Shipping)	HMB05880-EL004 ff
LR	LR (Lloyd's Register)	02/20026 (E2); Env. 1, 2, 3, 4
NKK	NKK (Nippon Kaiji Kyokai)	TA06190M
RINA	RINA (Registro Italiano Navale)	ELE153207CS 001
Ex	c UL us	E198726, ANSI/ISA 12.12.01
Ex	DEMKO, PTB	08ATEX142851 X; IECEx PTB 07.0064 X
Ex	TÜV (Ex i)	07ATEX554086 X

	Item no.	Article description	Ex		ABS	BV	DNV	GL	KR	LR	NKK	RINA	UL	Page
Industrial Compact PC	**758-870**	WAGO-I/O-IPC			x[1]	x[1]	x[1]	x[1]	x[1]	x[1]	x[1]	x[1]	x	52
	758-870/ 000-001	WAGO-I/O-IPC with PROFIBUS Master			x[1]	x[1]	x[1]	x[1]	x[1]	x[1]	x[1]	x[1]	x	52
	758-870/ 000-004	WAGO-I/O-IPC with PROFIBUS Slave			x[1]	x[1]	x[1]	x[1]	x[1]	x[1]	x[1]	x[1]	x	52
Fieldbus Controller	**750-804**	INTERBUS Controller	x	x									x	96
	750-806	DeviceNet Controller	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	66
	750-812	MODBUS Controller RS-485 (150 ... 19200 Baud)	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	86
	750-814	MODBUS Controller RS-232 (150 ... 19200 Baud)	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	86
	750-815	MODBUS Controller RS-485 (1.2 ... 115.2 kBaud)	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	86
	750-816	MODBUS Controller RS-232 (1.2 ... 115.2 kBaud)	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	86
	750-819	LONWORKS® Controller	x	x									x	116
	750-830	BACnet/IP Controller	x										x	110
	750-833	PROFIBUS DP/V1 Controller	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	50
	750-837	CANopen Controller	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	78
	750-838	CANopen Controller Sub-D	x										x	80
	750-841	ETHERNET Controller 100 MBit/s	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	56
	750-842	ETHERNET Controller 10 MBit/s	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	60
	750-849	KNX IP Controller											x	112
	750-860	Linux Controller	x	x									x	on request
	750-871	ETHERNET TCP/IP Controller, 2 Ports	x										x	Internet
	750-873	ETHERNET TCP/IP RS-232 Controller	x										x	Internet

[1] Notice: see installation note!

[2] Notice: The 750-626 filter module is absolutely necessary!

	Certification	Approval
c UL us	c UL us	E175199, UL 508
ABS	ABS (American Bureau of Shipping)	03-HG374860/2-PDA; 05-ES578983-X
BV	BV (Bureau Veritas)	13453/B0 BV
DNV	DNV (Det Norske Veritas)	A-10191; Cl. B
GL	GL (Germanischer Lloyd)	26 624-05; 26 898-05 HH; Cat. A, B, C, D (EMC 1)
KR	KR (Korean Register of Shipping)	HMB05880-EL004 ff
LR	LR (Lloyd's Register)	02/20026 (E2); Env. 1, 2, 3, 4
NKK	NKK (Nippon Kaiji Kyokai)	TA06190M
RINA	RINA (Registro Italiano Navale)	ELE153207CS 001
Ex	c UL us	E198726, ANSI/ISA 12.12.01
Ex	DEMKO, PTB	08ATEX142851 X; IECEx PTB 07.0064 X
Ex	TÜV (Ex i)	07ATEX554086 X

	Item no.	Article description	Ex		Ship specific approvals								UL	Page
Fieldbus Coupler	750-300	II/O-LIGHTBUS		x									x	106
	750-303	PROFIBUS DP/FMS 12 MBaud	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	42
	750-304	INTERBUS 500 kBaud	x	x									x	88
	750-305	CAN CAL	x	x									x	102
	750-306	DeviceNet	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	62
	750-307	CANopen	x	x									x	68
	750-310	CC-Link	x	x									x	98
	750-312	MODBUS RS-485 (150 ... 19200 Baud)	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	84
	750-314	MODBUS RS-232 (150 ... 19200 Baud)	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	84
	750-315	MODBUS RS-485 (1.2 ... 115.2 kBaud)	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	84
	750-316	MODBUS RS-232 (1.2 ... 115.2 kBaud)	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	84
	750-319	LONWORKS®	x	x									x	114
	750-320	II/O-LIGHTBUS (Digital)		x									x	108
	750-331	PROFIBUS DP 1.5 MBaud (LWL)											x	48
	750-333	PROFIBUS DP/V1 12 MBaud	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	44
	750-334	INTERBUS 500 kBaud (LWL)		x									x	94
	750-337	CANopen MSS	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	70
	750-338	CANopen D-Sub	x	x									x	72
	750-339	Firewire											x	100
	750-340	PROFINET IO Coupler	x										x	38
	750-341	ETHERNET TCP/IP 100 MBit	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	54
	750-342	ETHERNET TCP/IP 10 MBit	x	x	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x[2]	x	58
	750-343	PROFIBUS DP ECO 12 MBaud	x	x									x	46
	750-344	INTERBUS ECO 500 kBaud	x	x									x	90
	750-345	INTERBUS ECO 2 MBaud	x	x									x	92
	750-346	DeviceNet ECO	x	x									x	64
	750-347	CANopen ECO MSS	x	x									x	74
	750-348	CANopen ECO	x	x									x	76
	750-350	ETHERNET Powerlink Coupler	x	x									x	82
Fieldbus Connector	750-960	PROFIBUS Fieldbus connector with D-Sub male connector			x	x	x	x	x	x	x	x	x	283
	750-961	INTERBUS Fieldbus connector with D-Sub female connector	x	x									x	287
	750-962	INTERBUS Fieldbus connector with D-Sub male connector	x	x									x	288
	750-963	CANopen Fieldbus connector with D-Sub male and female connectors											x	286
	750-970	PROFIBUS Fieldbus connector with D-Sub female connector			x	x	x	x	x	x	x	x	x	Internet

[2] Notice: The 750-626 filter module is absolutely necessary!

	Approval	Certificate
c UL us	c UL us	E175199, UL 508
ABS	ABS (American Bureau of Shipping)	03-HG374860/2-PDA; 05-ES578983-X
BV	BV (Bureau Veritas)	13453/B0 BV
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KR	KR (Korean Register of Shipping)	HMB05880-EL004 ff
LR	LR (Lloyd's Register)	02/20026 (E2); Env. 1, 2, 3, 4
NKK	NKK (Nippon Kaiji Kyokai)	TA06190M
RINA	RINA (Registro Italiano Navale)	ELE153207CS 001
Ex	c UL us	E198726, ANSI/ISA 12.12.01
Ex	DEMKO, PTB	08ATEX142851 X; IECEx PTB 07.0064 X
Ex	TÜV (Ex i)	07ATEX554086 X

Digital Input Modules

Item no.	Article description	Ex			ABS	BV	DNV	GL	KR	LR	NKK	RINA	UL	Page
750-400	2DI 24V DC, 3.0ms		x	x*	x	x	x	x	x	x	x	x	x*	123
750-401	2DI 24V DC, 0.2ms		x	x*	x	x	x	x	x	x	x	x	x*	123
750-402	4DI 24V DC, 3.0ms		x	x*	x	x	x	x	x	x	x	x	x*	126
750-403	4DI 24V DC, 0.2ms		x	x*	x	x	x	x	x	x	x	x	x*	126
750-405	2DI 230V AC		x	x*	x	x	x	x	x	x	x	x	x*	139
750-406	2DI 120V AC		x	x*	x	x	x	x	x	x	x	x	x*	137
750-408	4DI 24V DC, 3.0ms, low side switch		x	x*									x*	129
750-409	4DI 24V DC, 0.2ms, low side switch		x	x*									x*	129
750-410	2DI 24V DC, 3.0ms, proximity switch		x	x*	x	x	x	x	x	x	x	x	x*	124
750-411	2DI 24V DC, 0.2ms, proximity switch		x	x*	x	x	x	x	x	x	x	x	x*	124
750-412	2DI 48V DC, 3.0ms		x	x*									x*	135
750-414	4DI 5V DC, 0.2ms			x									x	121
750-415	4DI 24V AC/DC 20ms		x	x*	x	x	x	x	x	x	x	x	x*	132
750-418	2DI 24V DC, 3.0ms, diagn., acknol.		x	x*	x	x	x	x	x	x	x	x	x*	125
750-419	2DI 24V DC, 0.2ms, diagn.			x	x	x	x	x	x	x	x	x	x	on request
750-421	2DI 24V DC, diagn.		x	x*	x	x	x	x	x	x	x	x	x*	125
750-422	2DI 24V DC, pulse extension		x	x*									x*	128
750-423	4DI 24V AC/DC, 50ms, power contacts		x	x*	x					x	x		x*	133
750-424	2DI 24V DC, intruder detection		x	x*	x	x	x	x	x	x	x	x	x*	141
750-425	2DI NAMUR		x	x*									x*	140
750-427	2DI 110V DC		x	x*									x*	136
750-428	4DI 42V AC/DC, 20ms		x	x*									x*	134
750-430	8DI 24V DC, 3.0ms		x	x*	x	x	x	x	x	x	x	x	x*	130
750-431	8DI 24V DC, 0.2ms		x	x*	x	x	x	x	x	x	x	x	x*	130
750-432	4DI 24V DC		x	x*	x	x	x	x	x	x	x	x	x*	127
750-433	4DI 24V DC		x	x*	x	x	x	x	x	x	x	x	x*	127
750-435	1DI NAMUR Exi	x[3]	x	x	x	x	x	x	x	x	x	x	x	230
750-436	8DI 24V DC, 3.0ms		x	x	x	x	x	x	x	x	x	x	x	131
750-437	8DI 24V DC, 0.2ms		x	x	x	x	x	x	x	x	x	x	x	131
750-438	2DI NAMUR Exi	x[3]	x	x									x	231
753-434	8DI 5/12V DC		x										x	122
753-440	4DI 120/230V AC		x										x	138

* c UL us UL 508 and c UL us ANSI/ISA 12.12.01 approvals is also granted for the 753 Series pluggable I/O modules

[3] Only use this module in connection with the 24V DC Ex i supply module (750-625) (note the power supply instructions on page 27!)

c(UL)us	c UL us	E175199, UL 508	
ABS	ABS (American Bureau of Shipping)	03-HG374860/2-PDA; 05-ES578983-X	
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Ex	c UL us	E198726, ANSI/ISA 12.12.01	
	DEMKO, PTB	08ATEX142851 X; IECEx PTB 07.0064 X	
	TÜV (Ex i)	07ATEX554086 X	

Digital Output Modules

Item no.	Article description	Ex		Ship specific approvals								UL	Page
750-501	2DO 24V DC, 0.5A	x	x*	x	x	x	x	x	x	x	x	x*	145
750-502	2DO 24V DC, 2.0A	x	x*	x	x	x	x	x	x	x	x	x*	146
750-504	4DO 24V DC, 0.5A	x	x*	x	x	x	x	x	x	x	x	x*	149
750-506	2DO 24V DC, 0.5A, diagn.	x	x*									x*	147
750-508	2DO 24V DC, 2.0A, diagn.	x	x*	x			x		x			x*	148
750-509	2DO 230V AC, 0.3A, SSR	x	x*	x	x	x	x	x	x	x	x	x*	157
750-512	2DO 230V AC, 2.0A, rel. 2 NO	x	x*	x	x	x	x	x	x	x	x	x*	161
750-513	2DO 230V AC, 2.0A, rel. 2 NO, pot. free	x	x*	x	x	x	x	x	x	x	x	x*	162
750-514	2DO 125V AC, 0.5A, rel. 2 CO, pot. free			x			x					x*	159
750-516	4DO 24V DC, 0.5A, low side switch	x	x*	x	x	x	x	x	x	x	x	x*	151
750-517	2DO 230V AC, 1.0A, rel. 2 CO, pot. free			x	x	x	x	x	x	x	x	x*	160
750-519	4DO 5V DC, 20mA		x									x	143
750-522	2DO 230V AC, 3.0A, 30s, SSR	x	x									x	158
750-523	1DO 230V AC, 16A, rel. 1a, pot. free			x				x				x	163
750-524	1DO Semi Powerswitch 400V AC, 10A											x	on request
750-530	8DO 24V DC, 0.5A	x	x*	x	x	x	x	x	x	x	x	x*	153
750-531	4DO 24V DC, 0.5A	x	x*	x	x	x	x	x	x	x	x	x*	150
750-532	4DO 24V DC, 0.5A, diagn.	x	x									x	152
750-535	2DO 24V DC, Ex i	x[3]	x	x	x	x	x	x	x	x	x	x	232
750-536	8DO 24V DC, 0.5A	x	x	x	x	x	x	x	x	x	x	x	154
750-537	8DO 24V DC, 0.5A, diagn.	x	x	x	x	x	x	x	x	x	x	x	155
753-534	8DO 5/12V DC	x										x	144
753-540	4DO 120/230V AC	x										x	156

* $_{c}$UL$_{us}$ UL 508 and ANSI/ISA 12.12.01 approvals is also granted for the 753 Series pluggable I/O modules
[3] Only use this module in connection with the 24V DC Ex i supply module (750-625) (note the power supply instructions on page 27!)

	Approval	Certificate number
	c UL us	E175199, UL 508
	ABS (American Bureau of Shipping)	03-HG374860/2-PDA; 05-ES578983-X
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	TÜV (Ex i)	07ATEX554086 X

	Item no.	Article description	Ex i	Ex	Ex	ABS	BV	DNV	GL	KR	LR	NKK	RINA	UL	Page
Analog Input Modules	750-452	2AI 0 – 20mA, differential input		x	x*	x	x	x	x	x	x	x	x	x*	165
	750-453	4AI 0– 20mA, single ended		x	x*	x	x	x	x	x	x	x	x	x*	169
	750-454	2AI 4 – 20mA, differential input		x	x*	x	x	x	x	x	x	x	x	x*	165
	750-455	4AI 4 – 20mA, single ended		x	x*	x	x	x	x	x	x	x	x	x*	169
	750-456	2AI ± 10V DC		x	x*	x	x	x	x	x	x	x	x	x*	179
	750-457	4AI ± 10V DC, single ended		x	x*	x	x	x	x	x	x	x	x	x*	178
	750-459	4AI 0-10V DC, single ended		x	x*	x	x	x	x	x	x	x	x	x*	178
	750-460	4AI Resistance Temperature Device (RTD)												x	183
	750-461	2AI Resistance Temperature Device (RTD)		x	x*	x	x	x	x	x	x	x	x	x*	182
	750-465	2AI 0 – 20mA, single ended		x	x*									x*	166
	750-466	2AI 4 – 20mA, single ended		x	x*									x*	166
	750-467	2AI 0 – 10V DC, single ended		x	x*									x*	175
	750-468	4AI 0 – 10V DC, single ended		x	x	x	x	x	x	x	x	x	x	x	176
	750-469	2AI thermocouple (TC) diagn.		x	x*	x	x	x	x	x	x	x	x	x*	184
	750-470	2AI 0 – 20mA, 16 Bit, single ended, S.C. Protec.		x	x	x	x	x	x	x	x	x	x	x	167
	750-472	2AI 0 – 20mA, 16 Bit, single ended		x	x*	x	x	x	x	x	x	x	x	x*	168
	750-473	2AI 4 – 20mA, 16 Bit, single ended, S.C. Protec.		x	x	x	x	x	x	x	x	x	x	x	167
	750-474	2AI 4 – 20mA, 16 Bit, single ended		x	x*	x	x	x	x	x	x	x	x	x*	168
	750-475	2AI 0– 1A AC/DC, differential input		x	x*									x*	173
	750-476	2AI ±10V DC, 16 Bit, single ended		x	x*	x	x	x	x	x	x	x	x	x*	177
	750-477	2AI 0 – 10V AC/DC, differential input		x	x*									x*	174
	750-478	2AI 0 – 10V DC, 16 Bit, single ended		x	x*	x	x	x	x	x	x	x	x	x*	177
	750-479	2AI ± 10V DC, differential measurement input		x	x*	x	x	x	x	x	x	x	x	x*	180
	750-480	2AI 0 – 20mA, differential measurement input		x	x*									x*	170
	750-481[4]	2AI RTD, Ex i	x[3]	x	x									x	234
	750-483	2AI 0 – 30V DC, differential measurement input		x	x*	x	x	x	x	x	x	x	x	x*	181
	750-485	2AI 4 – 20mA, Ex i	x[3]	x	x	x	x	x	x	x	x	x	x	x	233
	750-492	2AI 4 – 20mA, differential measurement input		x	x*									x*	171
Analog Output Modules	750-550	2AO 0 – 10V DC		x	x*	x	x	x	x	x	x	x	x	x*	191
	750-552	2AO 0 – 20mA		x	x*	x	x	x	x	x	x	x	x	x*	189
	750-553	4AO 0 – 20mA		x	x	x	x	x	x	x	x	x	x	x	190
	750-554	2AO 4 – 20mA		x	x*	x	x	x	x	x	x	x	x	x*	189
	750-555	4AO 4 – 20mA		x	x	x	x	x	x	x	x	x	x	x	190
	750-556	2AO ±10V DC		x	x*	x	x	x	x	x	x	x	x	x*	191
	750-557	4AO ± 10V DC		x	x*	x	x	x	x	x	x	x	x	x*	192
	750-559	4AO 0-10V DC		x	x*	x	x	x	x	x	x	x	x	x*	192
	750-585	2AO 0– 20mA, Ex i	x[3]	x	x	x	x	x	x	x	x	x	x	x	235

* ⓤ UL 508 and ⓤ ANSI/ISA 12.12.01 approvals is also granted for the 753 Series pluggable I/O modules

3) Only use this module in connection with the 24V DC Ex i supply module (750-625) (note the power supply instructions on page 27!)

4) Version 750-481/003-000

* c UL us UL 508 and Ex c UL us ANSI/ISA 12.12.01 approvals is also granted for the 753 Series pluggable I/O modules

[2] Notice: The 750-626 filter module is absolutely necessary!   [5] Notice: The 750-624 filter module is absolutely necessary!

[6] Notice: The 750-626 filter module is absolutely necessary for the supply of 24V DC!

[7] Notice: The ship approvals are only valid for the 750-404/020-003 version!