



CERTIFICATE NUMBER 22-2219060-PDA

EFFECTIVE DATE 09-March-2022

EXPIRATION DATE 08-March-2027

ABS TECHNICAL OFFICE Singapore Engineering Services

CERTIFICATE OF

Product Design Assessment

This is to certify that a representative of this Bureau did, at the request of

WAGO GMBH & CO.KG

located at

Hansastr. 27
D-32423 Minden
Germany

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

Product Input/Output Module

Model I/O System 0750, 0753

This Product Design Assessment (PDA) Certificate remains valid until 08-March-2027 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

American Bureau of Shipping

Vibin Chandrabose, Senior Engineer

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This certificate is governed by ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement

WAGO GMBH & CO. KG

HANSASTR. 27

D-32423 MINDEN

Germany

Telephone: +49-571-887-0

Fax: +49-571-887-169

Email: info@wago.com

Web: www.wago.com

Tier: 2 - PDA Issued

Product: Input/Output Module

Model: I/O System 0750, 0753

Endorsements:

Intended Service:

Automation system components for monitoring and control functions on AMS, ACC, ACCU, ABCU Classed Vessels.

Description:

Fieldbus couplers/controllers/connectors, field side connection modules, digital input/output modules, analogue input/output modules, power supply modules, special modules, accessories.

Refer to attached document "Product Details"

Rating:

Operating temperature: from 0°C ...+55°C.

Degree of protection: IP 20.

For rated voltage and further details refer to attached document "Product Details"

Service Restriction:

1. Unit Certification is not required for this product.
2. Unit Certification is required for this product by the user to customize this equipment where it is used for Category II or III services as described in Section 4-9-3/Table 1 of the ABS Marine Vessels Rules.
3. Installation and application of product as per manufacturer's instructions.
4. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.

Comments:

1. The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.
2. Each application and configuration is to be specifically approved in conjunction with the relevant system in which the components are used.

Notes/Drawing/Documentation:

WAGO Testlab, Report No. EMVP20_0032, EMC Test Report dated 28/06/2021, Revision: 01, Pages: 67

Drawing No. No.1, Datasheet No.1, Revision: 01, Pages: 989

Drawing No. No.2, Datasheet No.2, Revision: 01, Pages: 985

Drawing No. No.3, Datasheet No.3, Revision: 01, Pages: 999

Drawing No. No.4, Datasheet No.4, Revision: 01, Pages: 999

Drawing No. Series 750, comparison normal Temp., Revision: 01, Pages: 7

Drawing No. Operating and Assembly Instructions, Operating and Assembly Instructions, Revision: -, Pages: 2

SLG Prüf- und Zertifizierungs GmbH Testlab, Report No. 102707GG07PP001, Type Test Report dated 25/05/2007, Revision: -, Pages: 78

Kriwan Testlab, Report No. 1400340501A05e, EMC Test Report dated 09/09/2014, Revision: -, Pages: 156

WAGO Testlab, Report No. EMVP15_0051, Environmental Test Report dated 21/01/2016, Revision: V01, Pages: 306

Terms of Validity:

This Product Design Assessment (PDA) Certificate remains valid until 08/Mar/2027 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

WAGO GMBH & CO. KG

HANSASTR. 27

D-32423 MINDEN

Germany

Telephone: +49-571-887-0

Fax: +49-571-887-169

Email: info@wago.com

Web: www.wago.com

Tier: 2 - PDA Issued

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

STANDARDS

ABS Rules:

2022 Rules for Conditions of Classification 1-1-4/7.7, 1-1-A3 and A4, which covers the following:

2022 Rules for Building and Classing Marine Vessels: 4-1-1/Table 3, 4-9-3/11.1, 4-9-9/3, 4-9-9/7, 4-9-9/13, 4-9-9/Table 1

2022 Rules for Conditions of Classification - Offshore Units and Structures 1-1-4/9.7, 1-1-A2 and A3, which covers the following:

2022 Rules for Building and Classing Mobile Offshore Units: 6-1-7/Table 1

2022 Rules for Conditions of Classification - Light and High Speed Craft 1-1-4/11.9, 1-1-A2 and A3, which covers the following:

2022 Rules for Building and Classing High Speed Crafts: 4-7-8/7.1, 4-7-9/3, 4-7-9/7, 4-7-9/15, 4-7-9/Table 9

National:

NA

International:

IACS UR E10 Test Specification for Type Approval Rev.7 (2018)

Government:

NA

EUMED:

NA

OTHERS:

NA



Product Details

Articlenumber	Description
0288-0895	DC/DC-WANDLER 24/18V 400MA
0750-0303	PROFIBUS DP/FMS 12 MBd
0750-0303_0007-0000	PROFIBUS DP/FMS 12 MBd
0750-0306	DeviceNet
0750-0306_0000-0004	DeviceNet/CS
0750-0306_0000-0005	DeviceNet/Digital/No Status
0750-0306_0000-0006	DeviceNet/No Status
0750-0312	Modbus/RS 485/150-19200 Bd
0750-0314	Modbus/RS 232/150-19200 Bd
0750-0315	Modbus/RS 485/1.2-115.2 kBd
0750-0315_0000-0002_K190-6442	Modbus/RS 485/115.2 kBd Default
0750-0315_0300-0000	ModbusRTU-Koppler/RS485/150Baud ... 115,2kB
0750-0315_0300-0002	ModbusRTU-Koppler/RS485/0,15 ... 1152, KB/115,2 KB Default
0750-0316	Modbus/RS 232/1.2-115.2 kBd
0750-0316_0000-0002	Modbus/RS 232/115.2 kBd/Adr.1
0750-0316_0300-0000	PDM ModbusRTU-Koppler/RS232/150Baud...115,2KB
0750-0323	PROFIBUS DP 12 MBd/Digital
0750-0333	PROFIBUS DP 12 MBd/DPV1
0750-0337	CANopen
0750-0337_0000-0001	CANopen
0750-0337_0000-0100	CANopen

0750-0338	CANopen KOPPLER DSUB
0750-0342	ETHERNET
0750-0343	PROFIBUS-DP
0750-0347	CANopen
0750-0348	CANopen
0750-0351	SERCOS III-KOPPLER
0750-0354_0000-0001	ETHERCAT FELDBUSKOPPLER ID-SWITCH
0750-0362	FC Modbus TCP/UDP G4 2ETH
0750-0363	FC EtherNet/IP G4 2ETH ECO
0750-0375	PROFINET IO IRT
0750-0377	PROFINET IO IRT ECO
0750-0400	2DI 24V DC 3.0ms
0750-0401	2DI 24V DC 0.2ms
0750-0402	4DI 24V DC 3.0ms
0750-0403	4DI 24V DC 0.2ms
0750-0404	Up/Down Counter
0750-0404_0000-0001	Up Counter (Release Input)
0750-0404_0000-0002	Peak Time Counter
0750-0404_0000-0003	Frequency Counter
0750-0404_0000-0004	Up/Down Counter (Switch Outp.)
0750-0404_0000-0005	2x Up Counter (16Bit)
0750-0404_0000-0006	COUNTER/LATCH/PRELOAD
0750-0404_0006-0000	Up/Down Counter
0750-0404_0006-0003	Frequency Counter 0.1-10kHz
0750-0404_0020-0003	Frequency Counter 0.1-100kHz/HHI
0750-0405	2DI 230V AC
0750-0406	2DI 120V AC

0750-0408	4DI 24V DC 3.0ms Neg.
0750-0410	2DI 24V DC 3.0ms Proxi Sensor
0750-0411	2DI 24V DC 0.2ms Proxi Sensor
0750-0415	4DI 24V AC/DC 20ms
0750-0418	2DI 24V DC 3.0ms/Diagn./Acknol.
0750-0421	2DI 24V DC 3.0ms/Diagn.
0750-0423	4DI 24V AC/DC S.E.
0750-0424	2DI Intruder Detection
0750-0425	2DI NAMUR
0750-0430	8DI 24V DC 3.0ms
0750-0431	8DI 24V DC 0.2ms
0750-0432	4DI 24V DC 3.0ms/ 2-wire
0750-0433	4DI 24V DC 0.2ms/ 2-wire
0750-0435	1DI NAMUR EX I
0750-0436	8DI 24V DC 3.0ms/Low-Side-Switch
0750-0437	8DI 24V DC 0.2ms/Low-Side-Switch
0750-0438	2DI NAMUR EX I
0750-0439	8DI NAMUR Ex i
0750-0450	4AI RTD/ adj.
0750-0451	8AI RTD/ adj.
0750-0452	2AI 0-20mA Diff.
0750-0452_0000-0200	2AI 0-20mA Diff. Siemens
0750-0453	4AI 0-20mA S.E.
0750-0453_0200-0000	4AI 0-20mA S.E.
0750-0454	2AI 4-20mA Diff.
0750-0454_0000-0001	2AI 4-20mA Diff. RC
0750-0454_0000-0003	2AI 4-20MA DIFF./ EM

0750-0454_0000-0200	2AI 4-20mA Diff. Siemens
0750-0454_0006-0000	2AI 4-20mA Diff.
0750-0455	4AI 4-20mA S.E.
0750-0455_0020-0000	4AI 4-20mA S.E. / 4x24V
0750-0455_0020-0000_K013-1080	4AI 4-20mA S.E. / 4x24V
0750-0455_K013-1080	4AI 4-20mA S.E.
0750-0456	2AI +/-10V DC
0750-0456_0000-0200	2AI +/-10V DC Siemens
0750-0457	4AI +/-10V DC S.E.
0750-0458	8AI Thermo/ Diagn./ adj.
0750-0459	4AI 0-10V DC S.E.
0750-0461	2AI PT100 (RTD)
0750-0461_0000-0002	2AI Resistor Measurement 10-1200 Ohm
0750-0461_0000-0003	2AI PT1000 (RTD)
0750-0461_0000-0005	2AI NI1000 (RTD)
0750-0461_0000-0006	2AI PT100 (RTD) Temp.-Drift-Opt.
0750-0461_0000-0007	2AI Resistor Measurement 10-5000 Ohm
0750-0461_0000-0009	2AI RTD/LS
0750-0461_0000-0011	2AI RESISTOR MEASUREMENT 10R5K0
0750-0461_0000-0016	2AI PT100/RTD/Temp.-Drift-Opt./sct
0750-0461_0000-0200	2AI PT100 (RTD) Siemens
0750-0461_0003-0000	2AI PT 100/ RTD/ ADJUSTABLE
0750-0461_0006-0000	2AI PT100 (RTD)
0750-0461_0020-0000	2AI NTC 20K
0750-0462	2AI Thermocouple K
0750-0462_0000-0002	2AI Thermocouple T
0750-0462_0000-0007	2AI Thermocouple B

0750-0462_0000-0050	2AI Thermocouple K without CJC
0750-0464	2/4AI RTD/ adj./high-acc.
0750-0464_0020-0000	4AI NTC/ adj.
0750-0468	4AI 0-10V DC S.E.
0750-0468_0000-0001	4AI 0-10V DC S.E. 1 MOhm
0750-0469	2AI Thermocouple K Diagn.
0750-0469_0000-0001	2AI Thermocouple S Diagn.
0750-0469_0000-0002	2AI Thermocouple T Diagn.
0750-0469_0000-0003	2AI +/-120mV Diagn.
0750-0469_0000-0006	2AI Thermocouple J Diagn.
0750-0469_0000-0008	2AI Thermocouple E Diagn.
0750-0469_0000-0009	2AI Thermocouple N Diagn.
0750-0469_0000-0012	2AI Thermocouple L Diagn.
0750-0469_0000-0062	2AI Thermo/L/Diagn./No Cold-J-Comp.
0750-0469_0000-0200	2AI Thermocouple Siemens Diagn.
0750-0469_0003-0000	2AI Thermo K Diagn. adjustable
0750-0470	2AI 0-20mA S.E/ s.c. protec.
0750-0470_0005-0000	2AI 0-20mA S.E./ s.c.protec./ 60Hz
0750-0471	4AI U/I Diff Galv
0750-0472	2AI 0-20mA 16Bit S.E.
0750-0472_0005-0000	2AI 0-20mA 16Bit S.E./60Hz
0750-0473	2AI 4-20mA S.E./s.c. protec.
0750-0473_0005-0000	2AI 4-20mA S.E./ s.c.protec./ 60Hz
0750-0474	2AI 4-20mA 16Bit S.E.
0750-0474_0000-0200	2AI 4-20mA 16Bit S.E. S5-460/465
0750-0474_0005-0000	2AI 4-20mA 16Bit S.E. 60Hz
0750-0474_0005-0200	2AI 4-20MA 16BIT S.E./60HZ/S5

0750-0475	2AI 0-1A AC/DC Diff.
0750-0475_0020-0000	2AI 0-5A AC/DC Diff.
0750-0476	2AI +/-10V DC 16Bit S.E.
0750-0476_0000-0200	2AI +/-10V DC 16Bit S.E. S5-466
0750-0478	2AI 0-10V DC 16Bit S.E.
0750-0478_0005-0000	2AI 0-10V DC 16Bit S.E. 60Hz
0750-0479	2AI +/-10V DC Measurement Input
0750-0479_0000-0001	2AI +/-10V DC Measurement Input Sor
0750-0481_0003-0000	2AI RTD EX I
0750-0483	2AI 0-30V DC DIFF./MEASUR.INP.
0750-0484	2AI 4-20MA HART Ex-i
0750-0485	2AI 4-20MA EX I
0750-0486	4AI 0/4-20mA Ex i
0750-0487_0003-0000	2AI TC EX I
0750-0496	8AI 0-20mA/4-20mA S.E.
0750-0497	8AI 0-10V/±10V S.E.
0750-0501	2DO 24V DC 0.5A
0750-0501_0000-0800	2DO 24V DC 0.5A/R
0750-0502	2DO 24V DC 2.0A
0750-0502_0000-0800	2DO 24V DC 2.0A/R
0750-0504	4DO 24V DC 0.5A
0750-0504_0000-0800	4DO 24V DC 0.5A/R
0750-0508	2DO 24V DC 2.0A/Diagn.
0750-0508_0000-0800	2DO 24V DC 2.0A/DIAGNOSE/R
0750-0508_0020-0001	2DO 24V DC 2.0A 30k Diagn.
0750-0509	2DO 230V AC 0.3A Sol. St.
0750-0512	2DO 250V AC 2.0A Rel.2NO

0750-0513	2DO 250V AC 2.0A Rel.2NO Pot.-Free
0750-0513_0000-0001	2DO 250V AC 2.0A Rel.2NO Pot.-Free
0750-0514	2DO 125V AC 0.5A Rel.2CO Pot.-Free
0750-0515	4DO 250 VAC 2A Pot-free Relay 4NO
0750-0516	4DO 24V DC 0.5A Negative
0750-0517	2DO 250V AC 1.0A Rel.2CO Pot.-Free
0750-0523	1DO 230V AC 16A REL 1A POT.FREI.
0750-0530	8DO 24V DC 0.5A
0750-0531	4DO 24V DC 0.5A/ 2-wire
0750-0531_0000-0800	4DO 24V DC 0.5A/2-LEITER/R
0750-0532	4DO 24V DC 0.5A/Diagn.
0750-0534	8DO 12V DC 1A
0750-0535	2DO 24V DC EX I
0750-0536	8DO 24V DC 0.5A/Low-side-Switch
0750-0537	8DO 24V DC 0.5A/Diagn.
0750-0538	2DO RELAY EX I
0750-0539	4DO 24V DC VALVE Ex i
0750-0550	2AO 0-10V DC
0750-0550_0000-0200	2AO 0-10V DC Siemens
0750-0550_0006-0000	2AO 0-10V DC
0750-0552	2AO 0-20mA
0750-0552_0000-0200	2AO 0-20mA Siemens
0750-0552_0006-0000	2AO 0-20mA
0750-0552_0200-0000	2AO 0-20mA
0750-0553	4AO 0-20mA

0750-0554	2AO 4-20mA
0750-0554_0000-0200	2AO 4-20mA Siemens
0750-0554_0006-0000	2AO 4-20mA
0750-0555	4AO 4-20mA
0750-0556	2AO +/-10V DC
0750-0556_0000-0200	2AO +/-10V DC Siemens
0750-0556_0006-0000	2AO +/-10V DC
0750-0557	4AO +/-10V DC
0750-0559	4AO 0-10V DC
0750-0559_0200-0000	4AO 0-10V DC
0750-0563	2AO 0-20mA/4-20mA/6-18V DC 16Bit
0750-0585	2AO 0-20MA EX I
0750-0586	2AO 4-20MA EX I
0750-0600	End Module
0750-0601	24V DC Power Supply (Fuse)
0750-0602	24V DC Power Supply
0750-0603	Potential Multiplication 8+
0750-0604	Potential Multiplication 8-
0750-0606	24V DC 1.0A POWER SUPPLY EX I
0750-0608	Trimmer-Module/1k/+12V DC
0750-0609	230V AC Power Supply (Fuse).
0750-0610	24V DC Power Supply (Fuse. Diagn.)
0750-0611	230V AC Power Supply (Fuse. Diagn.)
0750-0612	0-230V AC/DC Power Supply
0750-0613	24V DC Power Supply (Bus)
0750-0614	Potential Multiplication Module
0750-0616	Distance Module

0750-0623	24V/5V-15V DC Power Supply
0750-0624	24V DC Field Supply Filter (Surge)
0750-0624_0000-0001	24V DC Field Supply Filter/nc
0750-0624_0020-0000	24V DC Field Supply Filter /HI
0750-0624_0020-0001	24V DC Field Supply Filter/HI/nc
0750-0624_0020-0002	Field Supply Filter 24 VDC HI GF
0750-0625_0000-0001	24V DC 1.0A POWER SUPPLY EX I
0750-0626	24V DC Supply Filter (Surge)
0750-0626_0020-0000	24V DC Supply Filter (Surge)/ HI
0750-0626_0020-0002	Supply Filter 24 VDC HI GF
0750-0630	SSI Transm. Interf.
0750-0630_0000-0001	SSI Transm. Interf. 24Bit No Gray
0750-0630_0000-0002	SSI Transm. Interf. 24Bit 250kHz Noy
0750-0630_0000-0004	SSI Transm. Interf. 24Bit Status
0750-0630_0000-0005	SSI Transm. Interf. 15Bit Status
0750-0630_0000-0006	SSI Transm. Interf. 24Bit 250kHz
0750-0630_0000-0008	SSI Transm. Interf. 25Bit 125kHz
0750-0630_0000-0009	SSI Transm. Interf. 13Bit 200kHz NoGra
0750-0630_0000-0011	SSI Transm. Interf. 25Bit 125kHz Noy
0750-0630_0000-0012	SSI Transm. Interf. 13Bit 125kHz S n
0750-0630_0000-0013	SSI Transm. Interf. 29Bit 125kHz
0750-0630_0003-0000	SSI Transm. Interf. Config. var.
0750-0632	Proportional-Ventil Steuerung
0750-0633	UP/DOWN COUNTER EX I
0750-0634	Increment. Enc./24V/Single Input
0750-0637	Incremental Encoder
0750-0641	DALI/DSI-MASTER

0750-0650	RS 232 C
0750-0650_0000-0001	RS 232 C 5 Byte
0750-0650_0000-0002	RS 232 C 9600/7/E
0750-0650_0000-0003	RS 232 C Sync. Bugfix
0750-0650_0000-0006	RS 232 C/9600/E/8/1
0750-0650_0000-0010	RS 232 C 19200/8/N/1
0750-0650_0000-0011	RS 232 C 19200/8/E/1/1
0750-0650_0000-0012	RS 232 C 2400/8/N/1
0750-0650_0000-0015	RS 232 C 4800/8/E/1/5Byte
0750-0650_0000-0018	RS 232 C 9600/N/8/1/5Byte/Cont.
0750-0650_0000-0022	RS 232 C 19200/N/8/1/5Byte
0750-0650_0003-0000	RS 232 C adjustable
0750-0651	TTY
0750-0651_0000-0002	TTY 9600/8/E/1Stop
0750-0651_0006-0000	TTY
0750-0652	RS 232 / RS 485 / adjustable
0750-0653	RS 485
0750-0653_0000-0001	RS 485 9600/7/E/2Stop
0750-0653_0000-0002	RS 485 9600/E/8/1
0750-0653_0000-0005	RS 485 9600/E/8/1/halfdupl.
0750-0653_0000-0006	RS 485 19200/N/8/1/5Byte
0750-0653_0000-0007	RS 485 2400/N/8/1
0750-0653_0000-0011	RS 485 19200/E/8/1/5Byte
0750-0653_0000-0018	RS 485 9600/N/8/1/5Byte/Cont.
0750-0653_0000-0020	RS 485 Multiprocess. Protocol
0750-0653_0000-0022	RS 422/ 9600/ E/ 8/ 1/ 5 Byte/ Stan.
0750-0653_0003-0000	RS 485/ adjustable

0750-0653_0006-0002	RS 485 9600/E/8/1
0750-0654	Data Exchange Module
0750-0654_0000-0001	Data Exchange Module/125kHz
0750-0655	AS-INTERFACE MASTER
0750-0658	CAN GATEWAY
0750-0661_0000-0003	4FDI 24V PROFIsafe V2 iPar
0750-0662_0000-0003	8FDI 24V PROFIsafe V2 iPar
0750-0663_0000-0003	4 F-Ex i DI 24V PROFIsafe V2 iPar
0750-0666_0000-0003	4FDI/2FDO 24V/10A PROFIsafe V2 iPar
0750-0667_0000-0003	4FDI/4FDO 24V/2A PROFIsafe V2 iPar
0750-0806	DeviceNet Controller
0750-0812	Prog. Modbus/RS 485/150-19200 Bd
0750-0814	Prog. Modbus/RS 232/150-19200 Bd
0750-0815	Prog. Modbus/RS 485/1.2-115.2 kBd
0750-0816	Prog. Modbus/RS 232/1.2-115.2 kBd
0750-0823	Controller EtherNet/IP G4 2ETH ECO
0750-0831	BACnet/IP-Controller
0750-0833	PROFIBUS Controller
0750-0837	CANopen Controller
0750-0837_0020-0000	CANopen CONTR.256/192KB PGM/RAM
0750-0837_0021-0000	CANopen CONTR.640/832KB PGM/RAM
0750-0838	CANopen CONTROLLER DSUB
0750-0838_0020-0000	CANopen CONTR.256/192KB PGM/RAM DSUB
0750-0838_0021-0000	CANopen CONTR.640/832KB PGM/RAM DSUB
0750-0842	Ethernet Controller

0750-0842_0000-0001	CONTR.ETHERNET 4CONTROL
0750-0842_0000-0101	ETHERNET-CONTROLLER C-TIME-OUT
0750-0843	ETHERNET TCP/IP Progr.Fieldbus Contr
0750-0852	ETHERNET ECO Controller
0750-0862	Controller ETHERNET G4 2ETH ECO
0750-0871	ETHERNET-CONTROLLER 100MBit 2 PORT
0750-0873	ETHERNET-CONTROLLER 100MBit RS232
0750-0880	Ethernet Feldbuscontroller
0750-0881	Ethernet Feldbuscontroller
0750-0882	Ethernet MR Controller
0750-0884	APPLICATION CONTROLLER BA
0750-0884_0000-0003	APPLICATION CONTROLLER BA FG3
0750-0884_0000-0008	APPLICATION CONTROLLER BA FG8
0750-0885	ETHERNET MR/ SD FELDBUSCONTROLLER
0750-0889	Controller KNX IP mit SD-Karte
0750-0890	Controller ETHERNET G4 2ETH SD
0750-0891	Controller ETHERNET G4 2ETH
0750-0893	Controller EtherNet/IP G4 2ETH SD
0750-0960	FIELDBUSCONNECTOR PROFIBUS
0750-0963	FIELDBUSCONNECTOR CANOPEN
0750-0970	FIELDBUSCONNECTOR PROFIBUS PG-INT.
0750-0975	ETHERNET STECKER RJ45 IP20
0750-0976	PROFINET Stecker RJ45 IP20
0750-1400	16DI 24V DC 3.0ms Ribbon Cable
0750-1402	16DI 24V DC 3.0ms Ribbon Cable/ LSS
0750-1405	16DI 24V DC 3.0ms
0750-1406	16DI 24V DC 0.2ms

0750-1407	16DI 24V DC 3.0ms/LSS
0750-1415	8DI 24V DC 3.0ms/ 2-wire
0750-1416	8DI 24V DC 0.2ms/ 2-wire
0750-1417	8DI 24V DC 3.0ms/ 2-wire/ LSS
0750-1418	8DI 24V DC 0.2ms/ 2-wire/LSS
0750-1420	4DI 24V DC 3.0ms/ 3-wire
0750-1421	4DI 24V DC 0.2ms/ 3-wire
0750-1422	4DI 24V DC 3.0ms/ 3-wire/ LSS
0750-1423	4DI 24V DC 0.2ms/3-wire/LSS
0750-1425	8DI PTC
0750-1500	16DO 24V DC 0.5A Ribbon Cable
0750-1501	16DO 24V DC 0.5A Ribbon Cable/ LSS
0750-1502	8DI / 8DO 24V DC 0.5A Ribbon Cable
0750-1504	16DO 24V DC 0.5A
0750-1505	16DO 24V DC 0.5A/LSS
0750-1506	8DI/8DO 24V DC 0.5A
0750-1515	8DO 24V DC 0.5A/ 2-wire
0750-1516	8DO 24V DC 0.5A/ 2-wire/ LSS
0750-1605	Potential Multiplication 16+
0750-1606	Potential Multiplication 16-
0750-1607	Potential Multiplication 8+/8-
0750-8100	PFC100 CS 2ETH ECO
0750-8101	PFC100 CS 2ETH
0750-8102	PFC100 CS 2ETH RS
0750-8202_0000-0011	PFC200 FG1 2ETH RS
0750-8202_0000-0012	PFC200 FG2 2ETH RS
0750-8202_0000-0013	PFC200 FG3 2ETH RS

0750-8202_0000-0014	PFC200 FG4 2ETH RS
0750-8202_0000-0015	PFC200 FG5 2ETH RS
0750-8203	PFC200 CS 2ETH CAN
0750-8204	PFC200 CS 2ETH RS CAN
0750-8206	PFC200 CS 2ETH RS CAN DPS
0750-8208	PFC200 CS 2ETH RS CAN DPM
0750-8212	PFC200 G2 2ETH RS
0750-8213	PFC200 G2 2ETH CAN
0750-8214	PFC200 G2 2ETH RS CAN
0750-8216	PFC200 G2 2ETH RS CAN DPS
0753-0110	CONNECTOR
0753-0400	2DI 24V DC 3.0ms
0753-0401	2DI 24V DC 0.2ms
0753-0403	4DI 24V DC 0.2ms
0753-0404	Up/Down Counter
0753-0404_0000-0003	FREQUENCY COUNTER 0.1-100kHz
0753-0404_0000-0005	2Up Counter/16Bit
0753-0405	2DI 230V AC
0753-0406	2DI 120V AC
0753-0410	2DI 24V DC 3.0ms Proxi Sensor
0753-0411	2DI 24V DC 0.2ms Proxi Sensor
0753-0415	4DI 24V AC/DC 20ms
0753-0418	2DI 24V DC 3.0ms/Diagn./Acknol.

0753-0419	2DI 24V DC 3.0ms/Diagn.
0753-0421	2DI 24V DC 3.0ms/Diagn./Acknol.
0753-0423	4DI 24V AC/DC 50ms.Leistungskontakte
0753-0424	2DI 24V DC Intruder Detection
0753-0425	2DI NAMUR
0753-0430	8DI 24V DC 3.0ms
0753-0431	8DI 24V DC 0.2ms
0753-0432	4DI 24V DC. 3.0ms
0753-0433	4DI 24V DC. 0.2ms
0753-0434	8DI 5V/12V DC 0.2ms
0753-0436	8DI 24V DC 3.0ms/Low-Side-Switch
0753-0437	8DI 24V DC 0.2MS/Low-Side-Switch
0753-0452	2AI 0-20mA Diff.
0753-0453	4AI 0-20mA S.E.
0753-0454	2AI 4-20mA Diff.
0753-0455	4AI 4-20mA S.E.
0753-0456	2AI +/-10V DC
0753-0457	4AI +/-10V DC S.E.
0753-0459	4AI 0-10V DC S.E.
0753-0461	2AI PT100 (RTD)
0753-0461_0000-0009	2AI RTD/LS
0753-0461_0003-0000	2AI PT100/RTD ADJUSTABLE
0753-0469	2AI Thermocouple K Diagn.
0753-0469_0003-0000	2AI Thermo/K/Diagn/adjustable
0753-0472	2AI 0-20mA 16Bit S.E.
0753-0474	2AI 4-20mA 16Bit S.E.
0753-0475	2AI 0-1A AC/DC. Differenzeingang

0753-0476	2AI +/-10V DC 16Bit S.E.
0753-0478	2AI 0-10V DC 16Bit S.E.
0753-0479	2AI +/-10V DC Diff. Messeingang
0753-0483	2AI 0-30V DC DIFF./MEASUR.INP.
0753-0501	2DO 24V DC 0.5A
0753-0501_0000-0800	2DO 24V DC 0,5A /R
0753-0502	2DO 24V DC 2.0A
0753-0502_0000-0800	2DO 24V DC 2.0A/ R
0753-0504	4DO 24V DC 0.5A
0753-0508	2DO 24V DC 2.0A/Diagn.
0753-0509	2DO 230V AC 0.3A Sol. St.
0753-0512	2DO 250V AC 2.0A Rel.2NO
0753-0513	2DO 250V AC 2.0A Rel.2NO Pot.-Free
0753-0514	2DO 125V AC 0.5A Rel.2CO Pot.-Free
0753-0516	4DO 24V DC 0.5A Low-Side-Switch
0753-0517	2DO 250V AC 1.0A Rel.2CO Pot.-Free
0753-0530	8DO 24V DC 0.5A
0753-0531	4DO 24V DC 0.5A/ 2-wire
0753-0531_0000-0800	4DO 24V DC 0.5A /2-wire /R
0753-0536	8DO 24V DC 0.5A/Low-Side-Switch
0753-0537	8DO 24V DC 0.5A/Diagn.
0753-0550	2AO 0-10V DC
0753-0552	2AO 0-20mA
0753-0553	4AO 0-20mA
0753-0554	2AO 4-20mA
0753-0555	4AO 4-20mA
0753-0556	2AO +/-10V DC

0753-0557	4AO +/-10V DC
0753-0559	4AO 0-10V DC
0753-0602	24V DC Power Supply
0753-0612	0-230V AC/DC Power Supply
0753-0614	Potential Multiplication Module
0753-0620	DALI MULTI-MASTER DC/DC CONVERTER
0753-0646	KNX/EIB/TP1-MODULE
0753-0647	DALI MULTI-MASTER MODULE
0753-0650	RS 232 C
0753-0650_0003-0000	RS 232C/ADJUSTABLE
0753-0652	RS 232/ RS485/ adjustable
0753-0653	RS 485/9600/N/8/1
0753-0653_0000-0018	RS 485 9600/N/8/1/5Byte/Cont
0753-0653_0003-0000	RS 485/ adjustable
0753-0655	AS-INTERFACE MASTER
0753-0667_0000-0003	4FDI/4FDO 24V/2A PROFIsafe V2 iPar
0758-0879_0000-0001	MEMORY CARD (SD)