DECLARATION OF CONFORMITY

Manufacturer Name & Address:

Hitachi Industrial Equipment Systems Co., Ltd.
7-1-1 Higashi Narashino
Narashino-shi Chiba-ken
275-8611 JAPAN

We declare, under our sole responsibility, that the following products identified with the CE marking:

Hitachi EH-150 series

(Please refer to the attached list of the approved modules, LIST_EH150_REV07.XLS.)

to which this declaration relates, are in conformity with the protection requirements of the following Council Directives:

EMC DIRECTIVE:

2004/108/EC (EMC) on the approximation of the laws of the Member States relating to Electromagnetic Compatibility. Attestation is provided to this Directive based on the requirements of IEC/EN61131-2: 2007 as follows.

Emission: IEC61131-2 (2007)
EN 61000-6-4:2007/A1:2011(Radiation, Conductive)
IEC 61000-6-4:2006/A1:2010(Radiation, Conductive)

Immunity: IEC/EN 61131-2 (2007)
IEC/EN 61000-4-2 (ESD)
IEC/EN 61000-4-3 (Radiation)
IEC/EN 61000-4-4 (Burst)
IEC/EN 61000-4-5 (Surge)
IEC/EN 61000-4-6 (Conducted RF)
IEC/EN 61000-4-8 (Magnetic field)
IEC/EN 61000-4-11 (Dip)

LOW VOLTAGE DIRECTIVE:

2006/95/EC (LVD) attestation is provided to this Directive based on the safety requirements of IEC/EN61131-2: 2007 which is harmonized to the Low Voltage.

We, the manufacturer, hereby declare that the products specified in attached list of enclosure 1 conform to the listed directives.

Signature:	N. Aita	C. Kojima
Name:	N. Aita	C. Kojima
	Senior Engineer	Senior Engineer
Title:	Quality Assurance Section.	Industrial Control System Design Dept.
Date:	19 Aug 2015	19 Aug 2015

Manufacturer: Hitachi Industrial Equipment Systems Co., Ltd.
Address: **7-1-1 Higashi Narashino Narashino-shi Chiba-ken 275-8611 JAPAN**

The Authorized Representative:
Address: Am Seestern 18 40547 Dusseldorf Germany
Headquarter: Hitachi Europe GmbH Industrial Components & Equipment Group

ISSUED DATE	SHEET	DRAWING NO.	REVISION
18 Aug. 2015	1 OF 1	0000	07

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Hitachi PLC model list

No.	Item	Type	Spec.	Remarks
1	CPU	EH-CPU104	128 pt, 4 kstep, 2 ports	
2		EH-CPU208	256 pt, 8 kstep, 2 ports, Calendar function, Modem I/F function	
3		EH-CPU308	256 pt, 8 kstep, 2 ports, Calendar function, Modem I/F function	
4		EH-CPU316	256 pt, 16 kstep, 2 ports, Calendar function, Modem I/F function	
5		EH-CPU448	256 pt, 48 kstep, 2 ports, Calendar function Speeded-up Process Time and Increased program memory	
6		EH-CPU308T	256 pt, 8 kstep, 2 ports, Calendar function Modem I/F function, Telephone calling function	
7		EH-CPU316T	256 pt, 16 kstep, 2 ports, Calendar function Modem I/F function, Telephone calling function	
8		EH-CPU104A	128 pt, 4 kstep, 2 ports	
9		EH-CPU208A	256 pt, 8 kstep, 2 ports, Calendar function, Modem I/F function	
10		EH-CPU308A	256 pt, 8 kstep, 2 ports, Calendar function, Modem I/F function	
11		EH-CPU316A	256 pt, 16 kstep, 2 ports, Calendar function, Modem I/F function	
12		EH-CPU448A	256 pt, 48 kstep, 2 ports, Calendar function Speeded-up Process Time and Increased program memory, FL-net support	
13		EH-CPU516	528 pt,16 kstep, 2 ports, Calendar function Modem control function, RS-422/485 communication support, PID command, Floating point operation supports, 2 expansion bases	
14		EH-CPU548	880 pt, 48 kstep, 2 ports, Calendar function Modem control function, RS-422/485 communication support, PID command, Floating point operation supports, 4 expansion bases	
15		EHV-CPU16	2,112 pt with 64 points I/O modules, 16ksteps 3 ports, Calendar function Ethernet port, USB ports, RS-232C/422/485 ports, Processing speed is 20ns/basic command, 2 expansion bases	
16		EHV-CPU32	2,112 pt with 64 points I/O modules, 32ksteps 3 ports, Calendar function Ethernet port, USB ports, RS-232C/422/485 ports, Processing speed is 20ns/basic command, 2 expansion bases	
17		EHV-CPU64	3,520 pt with 64 points I/O modules, 64ksteps 3 ports, Calendar function Ethernet port, USB ports, RS-232C/422/485 ports, Processing speed is 20ns/basic command, 4 expansion bases	
18		EHV-CPU128	4,224 pt with 64 points I/O modules, 64ksteps 3 ports, Calendar function Ethernet port, USB ports, RS-232C/422/485 ports, Processing speed is 20ns/basic command, 5 expansion bases	
19		EHV-CPU1006	EHV+ series CPU module, IEC61131-3 compliant PLC 64KB programming with EHV-CoDeSys	
20		EHV-CPU1025	EHV+ series CPU module, IEC61131-3 compliant PLC 256KB programming with EHV-CoDeSys	
21		EHV-CPU1051	EHV+ series CPU module, IEC61131-3 compliant PLC 512KB programming with EHV-CoDeSys	
22		EHV-CPU1102	EHV+ series CPU module, IEC61131-3 compliant PLC 1,024KB programming with EHV-CoDeSys	
23		EHV-CPR128	4,224 pt with 64 points I/O modules, 64ksteps 3 ports, Calendar function Ethernet port, USB ports, RS-232C/422/485 ports, Processing speed is 20ns/basic command, 5 expansion bases For redundancy	
24	Memory pack	EH-MEMP	Program capacity 16kstep	
25		EH-MEMD	Program capacity 16kstep, data capacity 384kword	
26	Base	EH-BS3	3 slots (slots for 3 communication modules: 0-2)	
27		EH-BS5	5 slots (slots for 3 communication modules: 0-2)	
28		EH-BS8	8 slots (slots for 3 communication modules: 0-2)	
29		EH-BS3A	3 slots (slots for 3 communication modules: 0-2)	
30		EH-BS5A	5 slots (slots for 5 communication modules: 0-4)	
31		EH-BS6A	6 slots (slots for 6 communication modules: 0-5)	
32		EH-BS8R	8 slots (slots for 8 communication modules: 0-7,Redundant)	
33		EH-BS8A	8 slots (slots for 8 communication modules: 0-7,)	
34		EH-BS11A	11slots (slots for 8 communication modules: 0-7)	
35	I/O controller	EH-IOC	Input/Output control module without unit number switch	
36		EH-IOCH	Input/Output control module with unit number switch, 4 expansion bases	
37		EH-IOCH2	Input/Output control module with unit number switch, 5 expansion bases	
38		EH-IOCR	Input/Output control module for redundancy	
39	Power Supply	EH-PSA	Input: 100-240 VAC	
40		EH-PSR	Input: 100-240 VAC,Redundant	
41		EH-PSD	Input: 24 VDC	
42	Cable	EH-CB10	1.0m (between basic base and I/O controller) cable	
43		EH-CB05A	0.5m (between base and I/O controller) cable, for 2 to 5 expansion bases	
44		EH-CB10A	1.0m (between base and I/O controller) cable, for 2 to 5 expansion bases	
45		EH-CB20A	2.0m (between base and I/O controller) cable, for 2 to 5 expansion bases	
46	DC input	EH-XD8	8pt of 12/24 VDC	
47		EH-XD16	16pt of 12/24 VDC	
48		EH-XDL16	16pt of 12/24 VDC	
49		EH-XD32	32pt of 12/24 VDC	
50		EH-XD64	64pt of 12/24 VDC	
51		EH-XD32E	32pt of 12/24 VDC (Euro-terminal input module)	
52		EH-XDL32E	32pt of 12/24 VDC (Euro-terminal input module)	
53		EH-XD32H	32pt of 24V DC (EM/H-200 series compatible 32-point input module)	
54		EH-XDS16	16pt of 24V DC (High-speed DC Input module)	
55		EH-XDS32	32pt of 24V DC connector (High-speed DC Input module)	

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No.	Item	Type	Spec.	Remarks
56	AC input	EH-XA16	16pt of 100-120 VAC	
57		EH-XAH16	16pt of 200-240 VAC	
58	Contact output	EH-YR12	12pt of 100-240 VAC, 24 VDC	
59		EH-YR16	16pt of 100-240 VAC, 24 VDC	
60		EH-YR16D	16pt of 100-240 VAC, 24 VDC,Separated common	
61		EH-YR8B	8pt of 100-240 VAC, 24 VDC	
62	Transistor output	EH-YT8	8pt of 12/24 VDC, Sink type	
63		EH-YT16	16pt of 12/24 VDC, Sink type	
64		EH-YT32	32pt of 12/24 VDC, Sink type	
65		EH-YT64	64pt of 12/24 VDC, Sink type	
66		EH-YTP8	8pt of 12/24 VDC, Source type	
67		EH-YTP16	16pt of 12/24 VDC, Source type	
68		EH-YTP32	32pt of 12/24 VDC, Source type	
69		EH-YTP64	64pt of 12/24 VDC, Source type	
70		EH-YT32E	32pt of 12/24 VDC (Euro-terminal output module sink type)	
71		EH-YTP32E	32pt of 12/24 VDC (Euro-terminal output module source type)	
72		EH-YTP16S	32pt of 12/24 VDC, Source type, Short circuit protection	
73		EH-YT32H	32pt of 24 VDC, Sink type (EM/H-200 series compatible 32-point Output module)	
74	Triac output	EH-YS4	4pt of 100-240 VAC	
75		EH-YS16	16 pt of 100-240 VAC	
76	Cover	EH-DUM	Cover	
77	Analog input	EH-AX4	4 to 20 mA: 4 ch, 0 to 10 VDC: 4ch, 12 bits	
78		EH-AX44	4 to 20 mA: 4 ch, 0 to 10 VDC: 4ch, 12 bits	
79		EH-AX8V	0 to 10 VDC: 8ch, 12 bits	
80		EH-AX8H	-10 to 10 VDC: 8ch, 12 bits	
81		EH-AX8I	4 to 20 mA: 8ch, 12 bits	
82		EH-AX8IO	0 to 22 mA: 8ch, 12 bits	
83		EH-AXH8M	14-bits analog input, Current 0-22mA/4-22mA, Voltage -10 to 10V/0-10V, 8ch	
84		EH-PT4	Resistance temperature detective input module, 4ch, signed 15-bit	
85		EH-TC8	Thermo-couple(K, E, J, T, B, R, S, N), 8ch, signed 15-bit	
86		EH-AXG5M	Insulated analog input module (5ch)	
87		EH-RTD8	Resistance temperature detective input module, 6ch/8ch	
88	Analog output	EH-AY2	4 to 20 mA: 2 ch, 0 to 10 VDC: 2 ch, 12 bits	
89		EH-AY22	4 to 20 mA: 2 ch, 0 to 10 VDC: 2 ch, 12 bits	
90		EH-AY2H	-10 to 10 VDC: 2 ch, 12 bits	
91		EH-AY4V	0 to 10 VDC: 4 ch, 12 bits	
92		EH-AY4H	-10 to 10 VDC: 4 ch, 12 bits	
93		EH-AY4I	4 to 20 mA: 4 ch	
94		EH-AYH8M	14-bits analog output, Current 0-22mA/4-22mA, Voltage 0-10V, 8ch	
95		EH-AYG4M	Insulated analog output module (4ch)	
96	Counter	EH-CU	Counter module, 100 kHz, 32-bit, 2ch	
97		EH-CUE	Counter module, 100 kHz, 32-bit, 1ch	
98	Positioning	EH-POS	Positioning module, Pulse string output, single axis	
99		EH-POS4	Positioning module, Pulse string output, 4-axis	
100	Communication function	EH-RMP	Profibus master module, Up to 124 slaves, 256 words	
101		EH-RMP2	Profibus master module, Up to 124 slaves, 256 words	7
102		EH-IOCP	Profibus slave module, 256 words,	
103		EH-IOCP2	Profibus slave module, DPV0	
104		EH-RMD	Deveicenet master module, 256 words	
105		EH-IOCD	Deveicenet slave module, 256 words	
105		EH-IOCD2	DeviceNet slave controller, release 2.0	5
107		EH-SIO	Serial communication module with RS-232C, RS-422/485	
108		EH-ETH	Ethernet module 10BASE-T	
109		EH-ETH2	Ethernet module 10BASE-T 100BASE-T	
110		EH-IOCA	EtherCAT® slave controller, 100Mbps, Free Run mode PDO size = 352 byte	
111		EH-LNK	LINK module, Coaxial cable	
112		EH-OLNK	LINK module, Optical fiber cable (SI 200/250)	
113		EH-OLNKG	LINK module, Optical fiber cable (GI 50/125)	
114		EH-OLNKE	LINK module, Optical fiber cable (GI 62.5/125)	
115		EH-ORMM	Remote master module, Up to 10 slaves 2,048 point, Exclusive for EHV	
116		EH-ORML	Remote local module, 2,048 point, Exclusive for EHV	
117		EH-ORMAH	Remote master module, Up to 10 slaves 2,048 point, compatible with H series	
118		EH-OR2LH	Remote local module, 2,048 point, compatible with H series	
119		EH-TRMME	Compact remote master module, Twisted pair cable (256 points)	
120		EH-TRME2	Compact remote master module, Twisted pair cable (2048 points)	
121		EH-TRMLE	Compact remote slave module, Twisted pair cable	
122		EH-TRLE2	Compact remote slave module, Twisted pair cable (2048 points)	
123		EH-TLNKE	Compact link module, Twisted pair cable, CPU link	
124		EH-TRLLE	Compact link module, Twisted pair cable, I/O link	
124		EH-RIOTL	RIOH-TL compatible,Remote local module,Twisted pair cable	6
126	Mixed I/O Module	EH-MTT32	TTL I/O Module, TTL input 16 points, TTL output 16 points	