

Declaration of Conformity

We here with declare, 56,Samsung 4-gil,Mokcheon-eup,
Cheonan-si,Chungcheongnam-do, R.O.K
Cheonan plant
LS ELECTRIC Co., Ltd.

Declaration under our own responsibility that the product(s):

Product : Human Machine Interface
Models : LXP Series

This declaration is issued under the sole responsibility of the
manufacturer.

We hereby declare, that the product above is in compliance with the
essential requirements of the UK Statutory Instruments and their
amendments: (if applicable):

Electrical Equipment (Safety) Regulations 2016
Electromagnetic Compatibility Regulations 2016
The Restriction of the Use of Certain Hazardous Substances in Electrical
and Electronic Equipment Regulations 2012

Authorized Signature : 

Date : 08. July. 2022

Park Kyoung Rok
Plant Manager
Cheonan Plant
LS ELECTRIC Co.,Ltd.

LS ELECTRIC Co.,Ltd.

1. Applied standards : listed in Table 1

Table 1

Standard	Requirement
1. Emission	
EN61000-6-4: 2019	Conducted Distance
EN61000-6-4: 2019	Radiated Disturbance
EN61000-3-2: 2019	Harmonic Current Emission ^{*Note1)}
EN61000-3-3: 2013/A1:2019	Voltage Change, Fluctuations and Flicker ^{*Note1)}
2. Immunity	
EN61000-6-1: 2016	Electrostatic discharge
EN61000-6-2: 2016	
EN61000-4-2: 2008	
EN61000-6-1: 20016	Radio-Frequency Electromagnetic Field
EN61000-6-2: 2016	
EN61000-4-3:2006	
EN61000-6-1: 20016	Fast Transient
EN61000-6-2: 2016	
EN61000-4-4:2012	
EN61000-6-1: 20016	Surges
EN61000-6-2: 2016	
EN61000-4-5:2014	

*Note1: The EUT is a product that uses DC Power, so HnF and DIP test is not performed.

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1. Applied standards : listed in Table 1

Table 1

Standard	Requirement
2. Immunity	
EN61000-6-1: 20016	Radio-Frequency Continuous Conducted
EN61000-6-2: 2016	
EN61000-4-6:2014	
EN61000-6-1: 20016	Power frequency Magnetic Fields
EN61000-6-2: 2016	
EN61000-4-8:2009	
EN61000-6-1: 20016	Voltage dips and interruptions ^{*Note1)}
EN61000-6-2: 2016	
EN61000-4-11:2004	
EN61000-6-1: 20016	Damped oscillatory waves ^{*Note2)}
EN61000-6-2: 2016	
EN61000-4-18: 2006	

*Note1: The EUT is a product that uses DC Power, so HnF and DIP test is not performed.

*Note2: The EUT used in the relevant area B, the damped oscillator wave test is excluded.

2. LXP modules : listed in Table 2

Table 2

LXP modules name is configured as following.

LXP-(A)(B)(C)(D)-(E)

(1) Display Unit

Division	Sign	Contents	Remark
(A) Type	D	Display Unit	
(B) LCD Size	12	12.1 Inch, 1024x768 Pixels, TFT LCD	
(C) Camera option	0	Supported	
	1	Not supported	
(D) XP-VLink	0	Supported	
	1	Not supported	
(E) Reserved	Blank	Standard	
	EXP	Export	
	HKMC	HYUNDAI/KIA	
	MR	Ship	
	G3	G3 coating	
	EX	Explosion	
	□□	Dedicated product	

2. LXP modules : listed in Table 2

Table 2

LXP modules name is configured as following.

LXP-(A)(B)(C)(D)-(E)

(2) Main Unit

Division	Sign	Contents	Remark
(A) Type	M	Main Unit	
(B) Runtime	0	Supported	
	1	Not supported	
(C) XP-VLink	0	Supported	
	1	Not supported	
(D) Power	D	24Vdc	
(E) Reserved	Blank	Standard	
	EXP	Export	
	HKMC	HYUNDAI/KIA	
	MR	Ship	
	G3	G3 coating	
	EX	Explosion	
	□□	Dedicated product	