

1

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A

A

**Schneider**  
Electric

TeSys LC1D40/50/65/80/95..C 交流接触器  
TeSys LC1D40/50/65/80/95..C AC Contactor

产品合格证  
Product certificate

本产品经检验，符合标准IEC60947/GB/T14048/GB21518  
准予出厂。

On inspection, this product is in accordance with standard  
IEC60947/GB/T14048/GB21518 and permitted to leave the  
factory.

上海施耐德工业控制有限公司  
Schneider Shanghai Industrial Control Co., Ltd

上海市普陀区绥德路629路，邮编：200331  
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www.se.com

**Schneider Electric Limited**  
Stafford Park 5  
Telford, TF3 3BL  
United Kingdom  
www.se.com/uk

**UK  
CA**

B

B

C

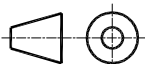
C

D

D

E

E



Scale:

Tolerancing Standard :

Units of measure :

mm

F

F

**Schneider**  
Electric

Instruction Sheet LC1D40~95...C  
产品合格证

Number:

CH01057

Revision:

12

Sheet:

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State:

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A

A

B

B

C

C

D

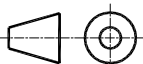
D

E

E

⚠ ⚠ 危险 / DANGER	
<p><b>电击、爆炸或电弧闪光危险</b></p> <ul style="list-style-type: none"> <li>在此电力设备上工作时,请先切断所有电源。</li> <li>请勿用手操作接触器。</li> <li>请勿去掉接触器的侧板。</li> </ul> <p><b>不遵循上述说明将导致人员伤亡。</b></p>	<p><b>HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH</b></p> <ul style="list-style-type: none"> <li>Disconnect all power before servicing equipment.</li> <li>Do not operate the contactor manually.</li> <li>Do not remove the contactor's side panels.</li> </ul> <p><b>Failure to follow these instructions will result in death or serious injury.</b></p>

⚠ 警告 / WARNING	
<p><b>可能有引起火灾或触电的危险</b></p> <ul style="list-style-type: none"> <li>支路保护设备断开,可能表示故障电流已中断。</li> <li>如要降低起火或触电风险,应检查控制器的载流部件或其他部件,如有损坏,应予以更换。</li> </ul> <p><b>不遵循上述说明可能导致人员伤亡或设备损坏。</b></p>	<p><b>RISK OF FIRE OR ELECTRIC SHOCK</b></p> <ul style="list-style-type: none"> <li>The opening of the branch-circuit protective device may be an indication that a fault current has been interrupted.</li> <li>To reduce the risk of fire or electric shock, current-carrying parts and the other components of the controller should be examined and replaced if damaged.</li> </ul> <p><b>Failure to follow these instructions can result in death, serious injury, or equipment damage.</b></p>



Scale:

Tolerancing Standard :

Units of measure :

mm

**Schneider**  
Electric

Instruction Sheet LC1D40~95...C

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State:

1

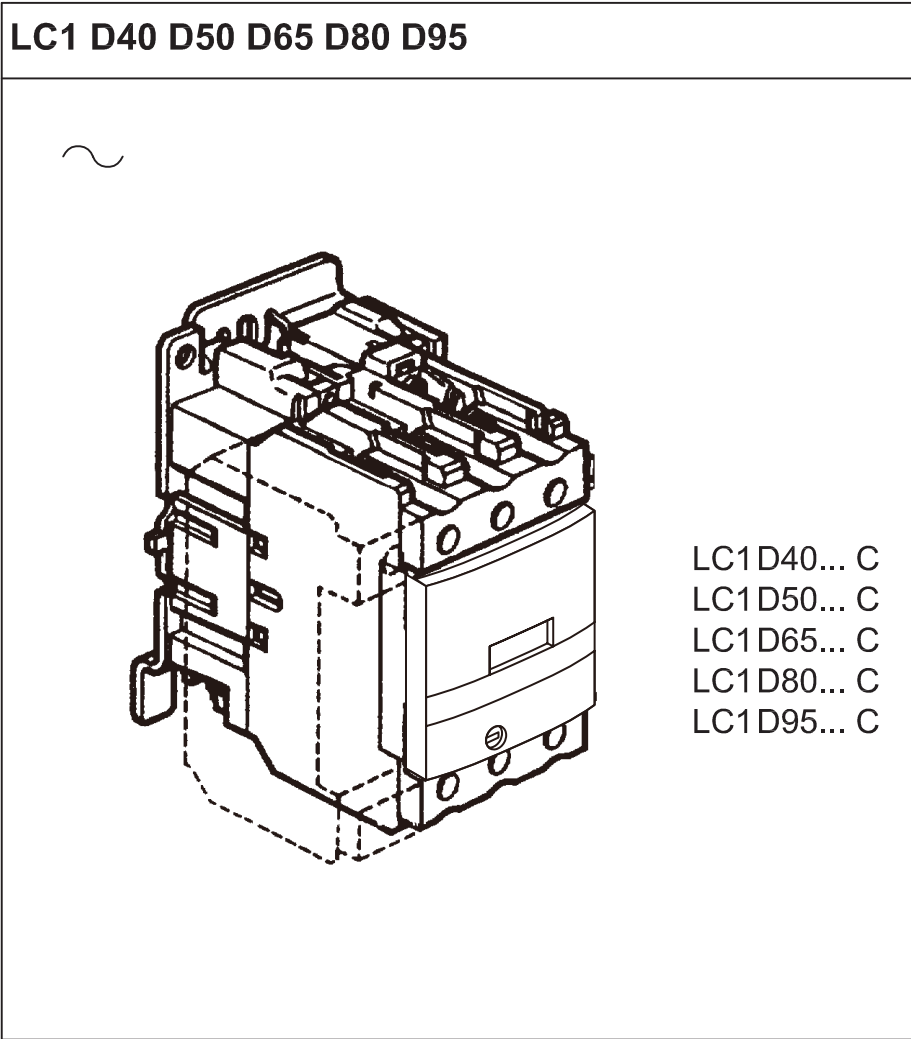
2

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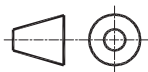
F

F



以下型号产品符合能效要求, 产品的吸持功率和能效等级分别如下:  
 The following products meet the Energy Efficiency requirements. The power consumption and the Energy Efficiency grades are:

产品型号 (Product Type)	LC1D40..C	LC1D50..C	LC1D65..C	LC1D80..C	LC1D95..C
最大吸持功率低于(VA) (Maximum Power consumption lower than)	36.6	36.6	36.6	36.6	36.6
能效等级 (Energy efficiency grade)	2	2	2	2	2



Scale:

Tolerancing Standard :

Units of measure :  
mm



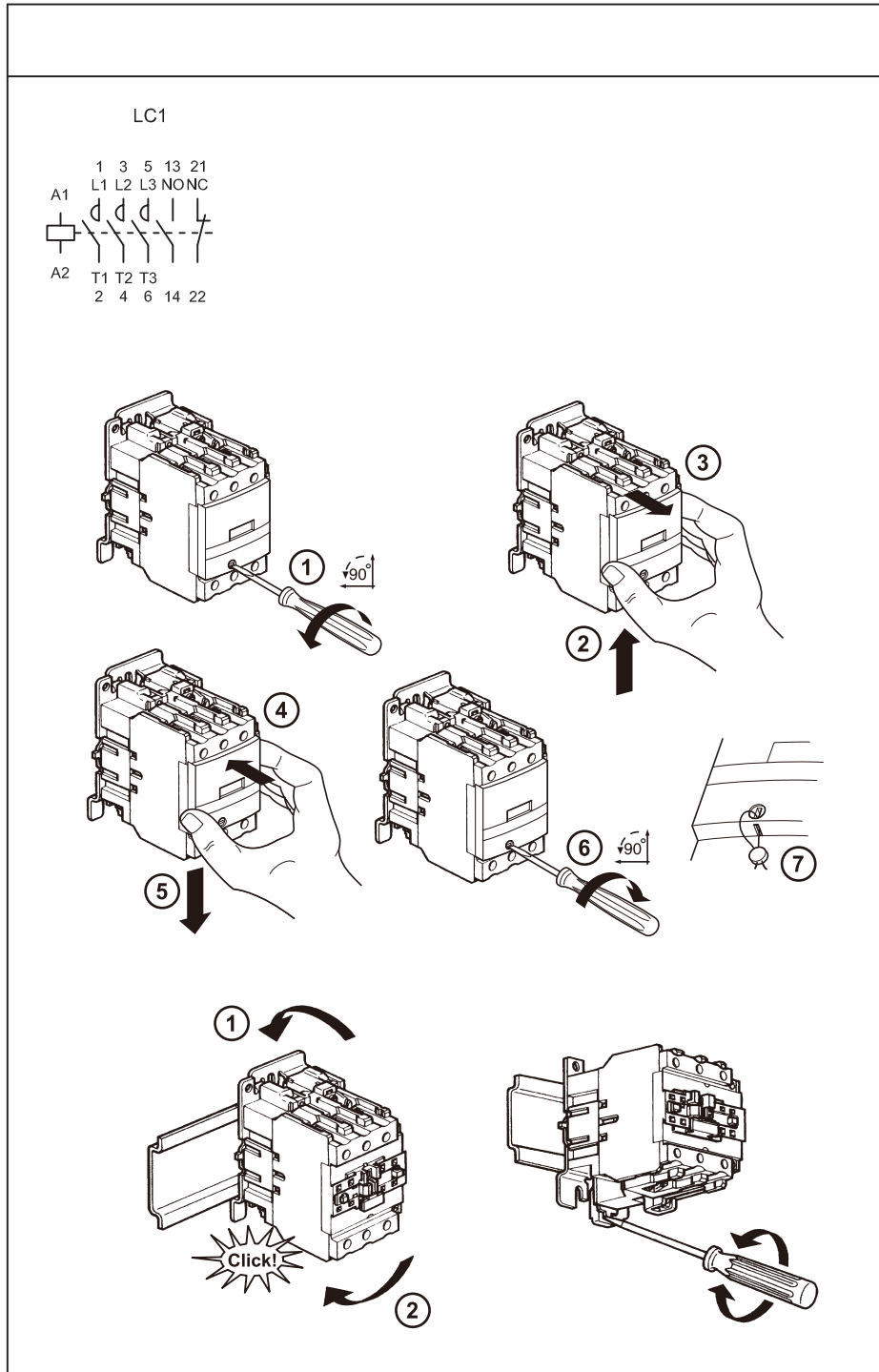
Instruction Sheet LC1D40~95...C  
 产品合格证

Number:

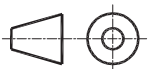
CH01057

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Scale:

Tolerancing Standard :

Units of measure :  
mm



Instruction Sheet LC1D40~95...C  
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State:

# 辅助模块 Aux. contact block

1 "F"	LADN10/ LA1DN10
1 "O"	LADN01/ LA1DN01
1 "F" + 1 "O"	LADN11/ LA1DN11
2 "F"	LADN20/ LA1DN20
2 "O"	LADN02/ LA1DN02
2 "F" + 2 "O"	LADN22/ LA1DN22
1 "F" + 3 "O"	LADN13/ LA1DN13
4 "F"	LADN40/ LA1DN40
4 "O"	LADN04/ LA1DN04
3 "F" + 1 "O"	LADN31/ LA1DN31
2 "F" + 2 "O"	LADC22/ LA1DC22
2 "F"	LADX20/ LA1DX20(1)
2 "F" + 2 "F"	LADZ40/ LA1DZ40(1)
1 "F" + 1 "O" + 2 "F"	LADZ31/ LA1DZ31(1)
2 "F"	LADY20/ LA1DY20(1)
0.1 ~ 3 s	LADT0 / LA2DT0
0.1 ~ 30 s	LADT2 / LA2DT2
1 ~ 30 s	LADS2 / LA2DS2
10 ~ 180 s	LADT4 / LA2DT4
0.1 ~ 3 s	LADR0 / LA3DR0
0.1 ~ 30 s	LADR2 / LA3DR2
10 ~ 180 s	LADR4 / LA3DR4

⊗  
1 "F" + 1 "O" LAD8N11/ LA8DN11 (2)  
2 "F" LAD8N20/ LA8DN20 (2)

(1) p.7  
(2) p.6

LADN● / LA1DN●  
LADT● / LA2DT●  
LADR● / LA3DR●

LADN<sup>01</sup> / LA1DN<sup>01</sup><sub>10</sub>

LADN● / LA1DN●  
LADT● / LA2DT●  
LADS● / LA2DS●  
LADR● / LA3DR●

LADN<sup>01</sup> / LA1DN<sup>01</sup><sub>10</sub>



Scale:

Tolerancing Standard :

Units of measure

mm



## Instruction Sheet LC1D40~95...C 产品合格证

Number:

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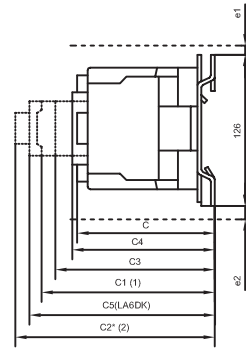
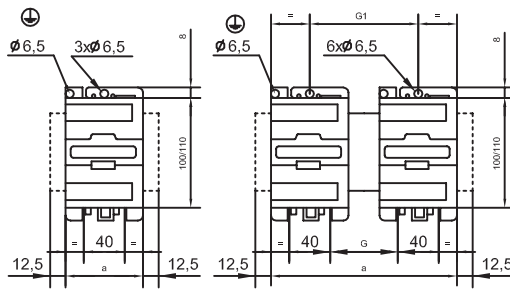
She

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# 尺寸 Size

LC1D40/50/65/80/95

LC2D40/50/65/80/95



LA8DN

LAD8N

3P

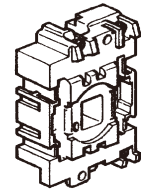
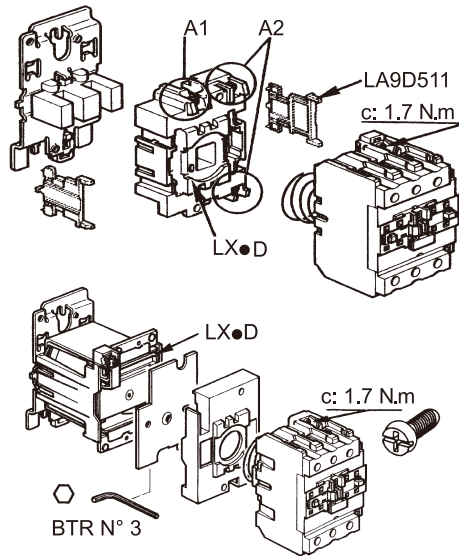
(mm) a	~ ---
LC1D40...65	75
LC1D80...95	85
LC2D40...65	165
LC2D80...95	182

3P

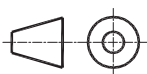
(mm)	e1	C3	e2	G	G1
LC2D40...65	5	142	11	50	90
LC2D80...95	13	158	20	58	96

(mm)	3P				
	C	C4	C1	C5	C2*
~ LC•D40...65	114	146	116	157	165
~ LC•D80...95	125	153	127	165	176

(1): LADN LADC LA1D  
 (2): LADR LADT LADS LA2D LA3D  
 \* + 4 mm (LA9-D901)  
 (mm) 1 inch=25.4 mm



~ LX1



Scale:

Tolerancing Standard :

Units of measure

mm



Instruction Sheet LC1D40~95...C  
 产品合格证

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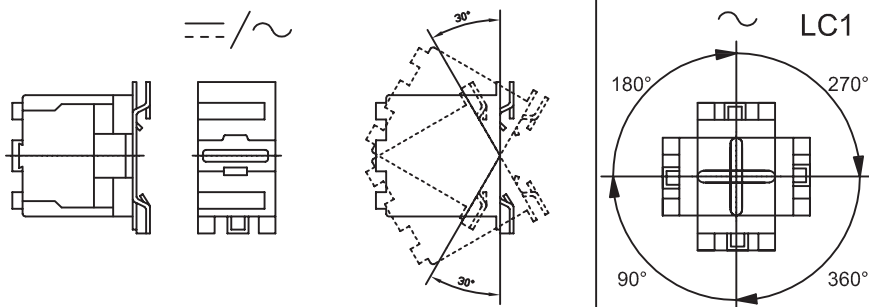
12

She

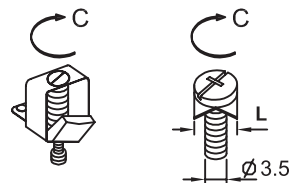
6/11

State:

操作位置和连接导线 Operation position and connection cable



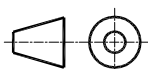
接线最小...最大  
Wiring Min...Max



LC1 LC2										L			C Nm
		[mm <sup>2</sup> ]	[mm <sup>2</sup> ]	[mm <sup>2</sup> ]	[mm <sup>2</sup> ]	[mm <sup>2</sup> ]	[mm <sup>2</sup> ]	[mm]		[mm]	PH/PZ		
D40 D50 D65		1...2.5	1...2.5 +	1...4	1...4 +	1...4	1...4 +	8		7.5	Ø6	2	1.2
		2.5 : 25	2.5...10 + 2.5...10	2.5 : 25	2.5...16 + 2.5...16	2.5 : 25	2.5...16 + 2.5...16	16		-	Ø6 Ø8		5
D80 D95		1...2.5	1...2.5 +	1...4	1...4 +	1...4	1...4 +	8		7.5	Ø6	2	1.2
		4 : 50	4...16 + 4...16	4 : 50	4...25 + 4...25	4 : 50	6...25 + 6...25	17	4	-	Ø6 Ø8		12*
LX.D LA.D		1...2.5	1...2.5 +	1...4	1...4 +	1...4	1...4 +	8		7.5	Ø6	2	1.2

\* After installation due to creepage effect, it is recommended to recheck the torque periodically, especially for over 35 mm<sup>2</sup> rigid cable and double cables.

\* 安装完成后, 考虑到金属蠕变效应, 建议定期检查扭矩, 尤其是对于大于35 mm<sup>2</sup>的刚性电缆和双根导线, 更应如此。



Scale:

Tolerancing Standard :

Units of measure

mm



Instruction Sheet LC1D40~95...C  
产品合格证

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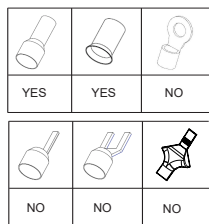
Revision:

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She

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## 推荐的主回路端子类型 Recommended main pole terminal



- 上述端子标记“NO”本产品不适用, 请严格按照施耐德推荐的端子类型接线。  
The above terminal mark "NO" is not applicable to this product.  
Please strictly follow the terminal type recommended by Schneider for wiring.

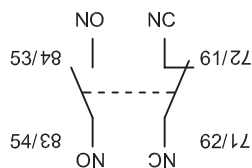
- 对于 LC1D80(C)-LC1D95(C) 接线端子的有效接触长度等于17mm。  
For LC1D80(C)-LC1D95(C), terminal conductive length of terminal should be 17mm.

- 带绝缘套端子接线时避免绝缘套被压到瓦片下。  
When wiring with insulated terminals, avoid the insulation sleeve being pressed under the tile.

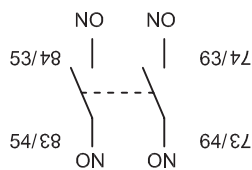
- 对于小于等于10mm<sup>2</sup> 导线推荐使用局部与六角形压接, 对于大于等于16mm<sup>2</sup> 相关导线推荐使用六角形压接。  
For conductors' cross-sectional area ≤ 10mm<sup>2</sup>, indent and hexagonal crimping are recommended. For conductors' cross-sectional area ≥ 16mm<sup>2</sup>, hexagonal crimping is recommended to be used.

## 其他辅助模块 Other Aux. Contact Block

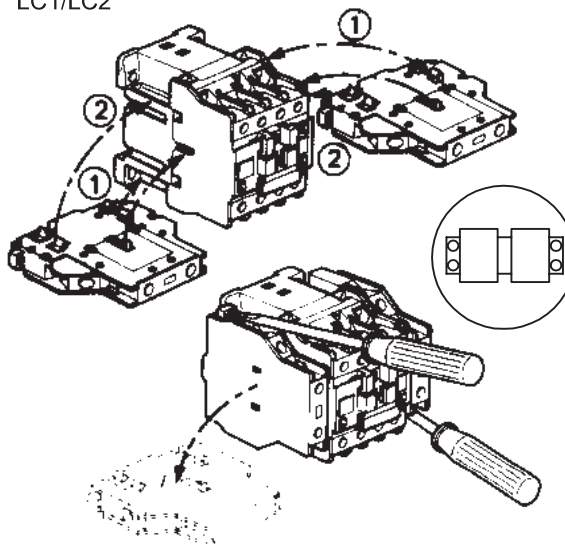
LAD8N11/LA8DN11



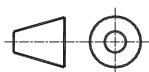
LAD8N20/LA8DN20



LC1/LC2



LC1/LC2	A1 A2	Un	LADN./LA1D. LADT./LA2D. LADR./LA3D. LA6DK.	LAD8N/LA8DN		
LC1D40~D95		0.8-1.1	●			
LC1D40~D95 LC2D40~D95		0.8-1.1	●			
		0.85-1.1	●	●	●	●
	50 Hz	0.8-1.1	●	●	●	●
	60 Hz	0.8-1.1	●	●	●	●



Scale:

Tolerancing Standard :

Units of measure :

mm



Instruction Sheet LC1D40~95...C  
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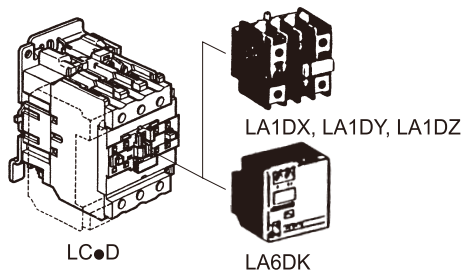
12

Sheet:

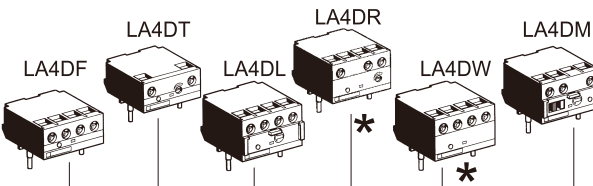
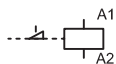
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### 其他辅助模块 Other Aux. Contact Block

- LA1DX/DY/DZ  
用于恶劣环境的辅助触头组  
This aux. block for foul environment.

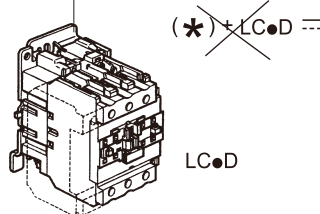


- LA6DK



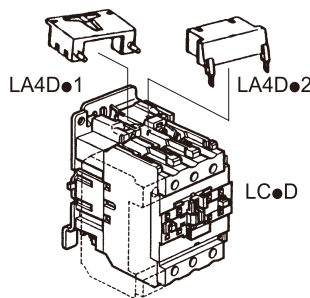
- LA4DF/DW/DL  
接口模块  
Connection block

- LA4DM  
自动-停止-手动控制模块  
Auto-stop-manual control block

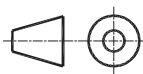


- LA4DT/DR  
延迟接通及断开计时器模块  
Time delay aux. contact block

- LA4DA/DE/DC/DB  
线圈抑制器模块  
Coil suppresser



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Scale:

Tolerancing Standard :

Units of measure :

mm



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A

A

B

B

C

C

D

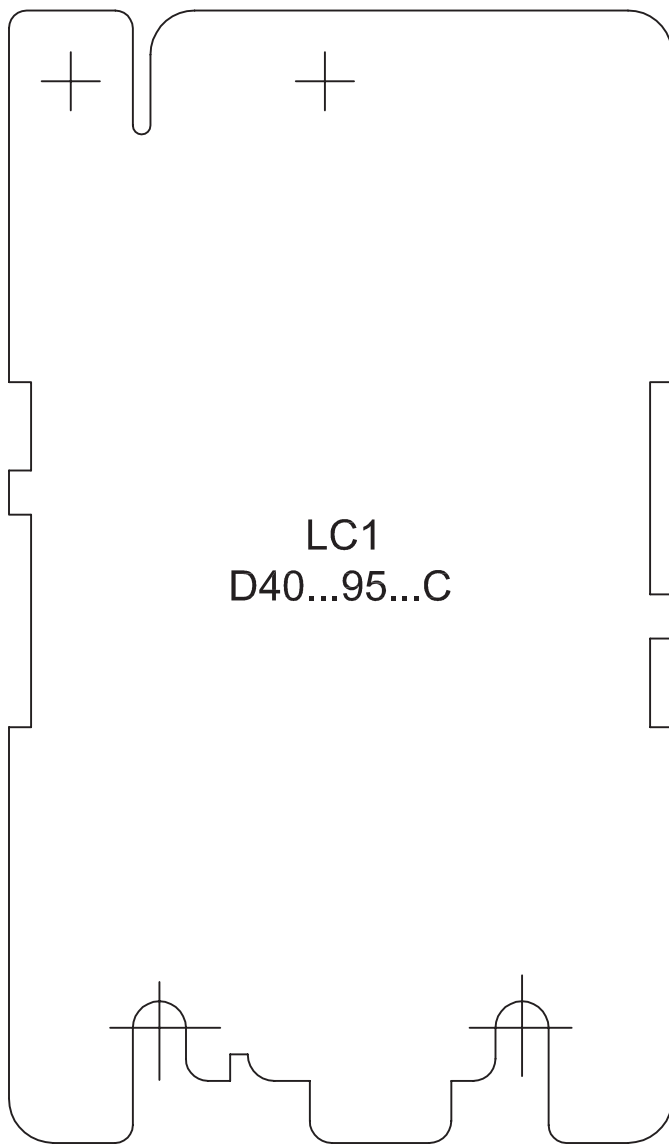
D

E

E

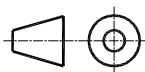
钻孔模板

Drilling template



LC1  
D40...95...C

8



Scale:

Tolerancing Standard :

Units of measure :

mm

F

F



Instruction Sheet LC1D40~95...C  
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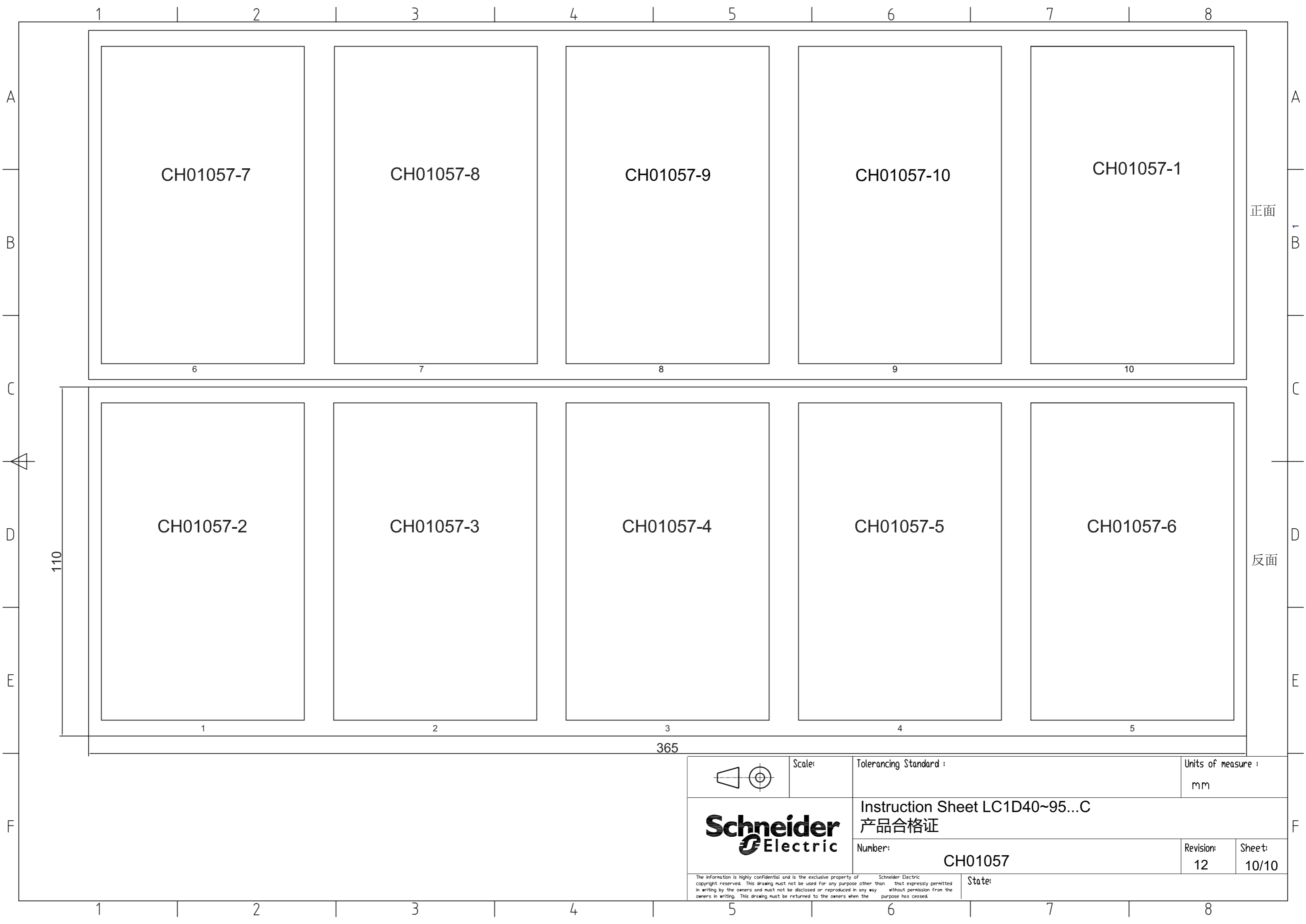
State:

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CH01057-8

CH01057-9

CH01057-10

CH01057-1

CH01057-2

CH01057-3

CH01057-4

CH01057-5

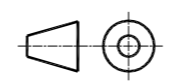
CH01057-6

110

365

正面

反面



Scale:

Tolerancing Standard :

Units of measure :  
mm



Instruction Sheet LC1D40~95...C  
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