

	Document Number: 12002-D-EL-DSH-303-GNL-048	Rev		Date: 23/07/2024
Class: FA	Library Code: 303-E03-0000-00-EL-DSH-048-3	Client	Vendor	1 Page of 10
	Document Title: Data Sheet for Local Control Box (LCB)	03	00	

Document Title:

Data Sheet for Local Control Box (LCB)

03	23/07/2024	Issued For Approval				
02	13/07/2024	Issued For Approval				
01	08/06/2024	Issued For Approval				
00	01/11/2023	Issued For Review				
Rev.	Date	Description	Prepared	Checked	Approved	Authorized

	Document Number: 12002-D-EL-DSH-303-GNL-048	Rev
Class: FA	Library Code: 303-E03-0000-00-EL-DSH-048-3	Client
	Document Title: Data Sheet for Local Control Box (LCB)	03
		00
		Date: 23/07/2024
		2 Page of 10

Tabulation of Revised Page

Sheet	Revisions							Sheet	Revisions						
	00	01	02	03	04	05			00	01	02	03	04	05	
1	X	X	X	X				31							
2	X	X	X					32							
3	X	X	X					33							
4	X	X	X					34							
5	X	X						35							
6	X	X						36							
7		X						37							
8		X						38							
9		X	X					39							
10		X						40							
11								41							
12								42							
13								43							
14								44							
15								45							
16								46							
17								47							
18								48							
19								49							
20								50							
21								51							
22								52							
23								53							
24								54							
25								55							
26								56							
27								57							
28								58							
29								59							
30								60							

	Document Number: 12002-D-EL-DSH-303-GNL-048	Rev		Date: 23/07/2024
Class: FA	Library Code: 303-E03-0000-00-EL-DSH-048-3	Client	Vendor	3 Page of 10
	Document Title: Data Sheet for Local Control Box (LCB)	03	00	

1. DATA SHEET

Item	Description	Requirements	Vendor Data
1	Type	1A, 1B, 2A, 2B, 3A (See Attachments)	
2	Design temperature		
	Design Max (indoor and outdoor)	40 °C	
	Design Min.(outdoor):	-25 °C	
3	Control Voltage	230 VAC	
4	Protection Class	IP55	
5	Thickness	VTA	
6	Body	Aluminium Die-Cast or Steel with grade 316	
7	Local/Off/Remote Selector Switch	Yes (Lockable)	
8	Emergency Push Button	Yes (Lockable)	
9	Mounting	Vertical	
10	Cover	Required	
11	Color	RAL 7035	
12	Color Thickness	60-80 µm	
13	Cable Gland	M25 (Brass) The number of Glands is calculated based on item 20.	
14	Wiring Size	Min. 1.5 mm²	
15	Nameplate	Hard Adhesive Label	

	Document Number: 12002-D-EL-DSH-303-GNL-048	Rev	Date: 23/07/2024	
Class: FA	Library Code: 303-E03-0000-00-EL-DSH-048-3	Client	Vendor	4 Page of 10
	Document Title: Data Sheet for Local Control Box (LCB)	03	00	

Item	Description	Requirements	Vendor Data
16	Additional Contact for Push Button	Yes	
17	Dimension (WxHxD) mm	VTA	
18	Weight (kg)	VTA	
19	Type of Sealing	VTs	
20	Cable Size	7×2.5 mm ² (For type 2A) 10×2.5 mm ² (For type 1A, 2B) 12×2.5 mm ² (For type 1B) 7×2.5 mm ² (For type 3A) 3×4 mm ² (For type 3A-Ammeter) 5×2.5 mm ² (For type 3A-Potentiometer)	
21	Type of opening The LCB door	Hinge (VTA)	
22	LCB's Tag	As Per Relevant M.T.O	

Note: The LCB shall be protected by mechanical lock and any modification on it to be done by authorized person.

VTA: Vendor To Advice

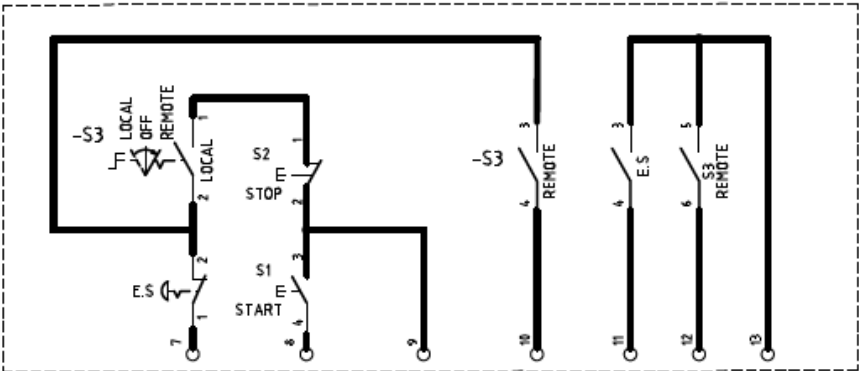
VTs: Vendor To Specify

2. ATTACHMENTS:

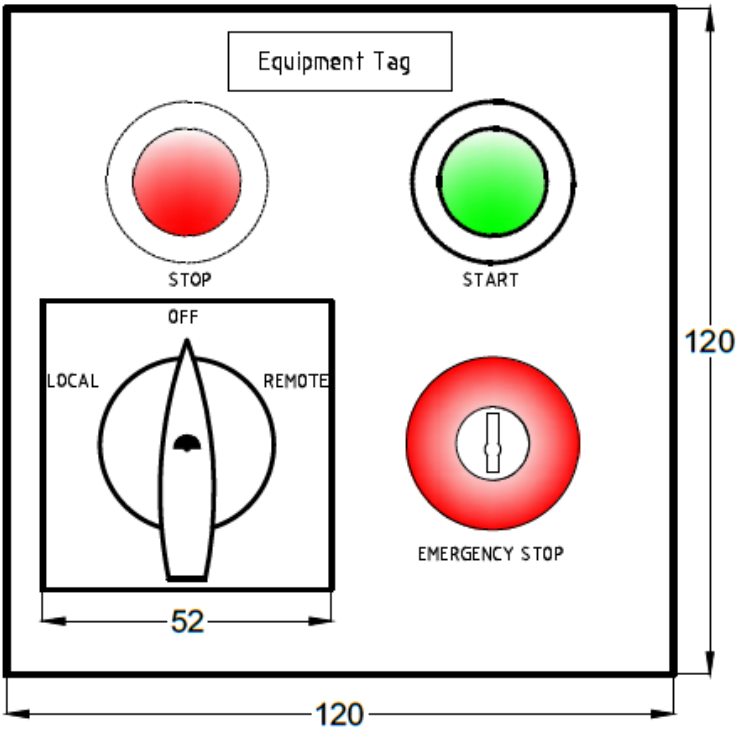
The following switches will be used in LCB's in accordance to LCB type.

	Document Number: 12002-D-EL-DSH-303-GNL-048	Rev		Date: 23/07/2024
Class: FA	Library Code: 303-E03-0000-00-EL-DSH-048-3	Client	Vendor	5 Page of 10
	Document Title: Data Sheet for Local Control Box (LCB)	03	00	

LCB (1A Type)



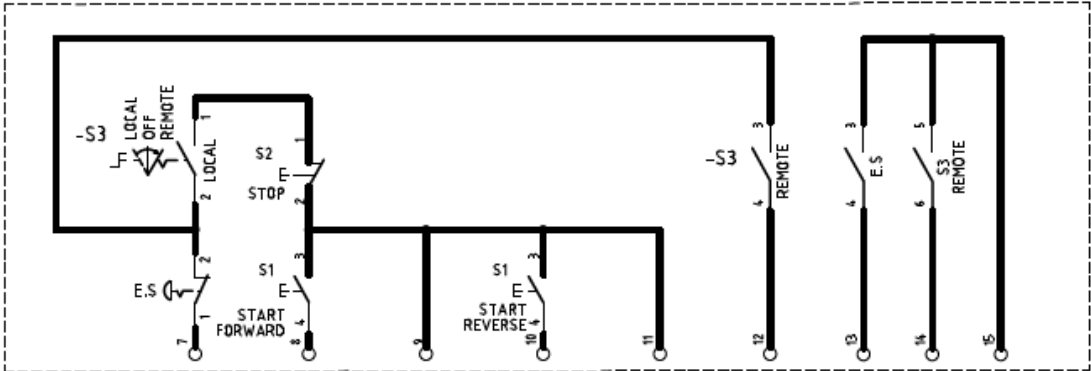
CONTACT	1-2	3-4	5-6
REMOTE		✗	✗
LOCAL	✗		



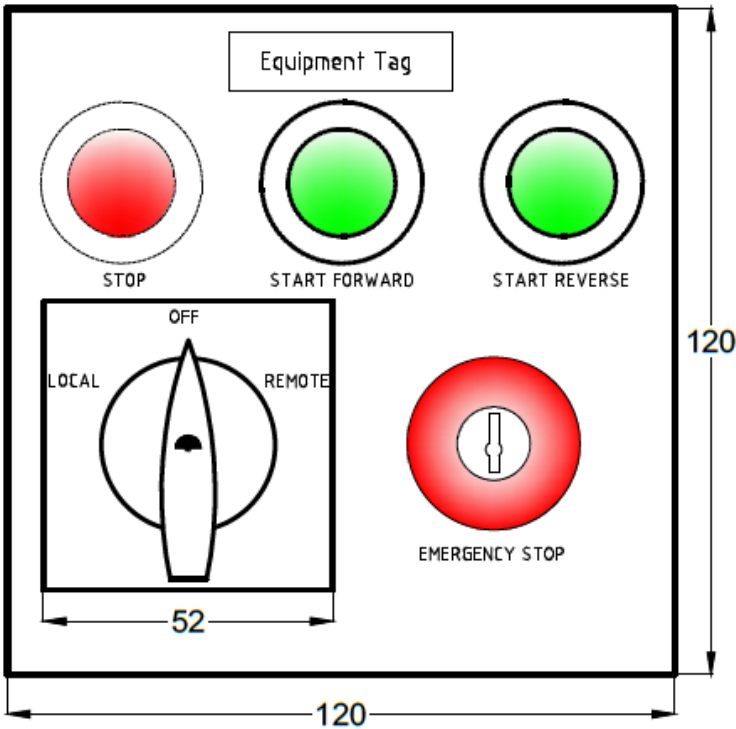
For DOL, Non UPCD, Unidirectional Motor Feeders.

	Document Number: 12002-D-EL-DSH-303-GNL-048	Rev	Date: 23/07/2024
Class: FA	Library Code: 303-E03-0000-00-EL-DSH-048-3	Client	Vendor
	Document Title: Data Sheet for Local Control Box (LCB)	03	00
			6 Page of 10

LCB (1B Type)



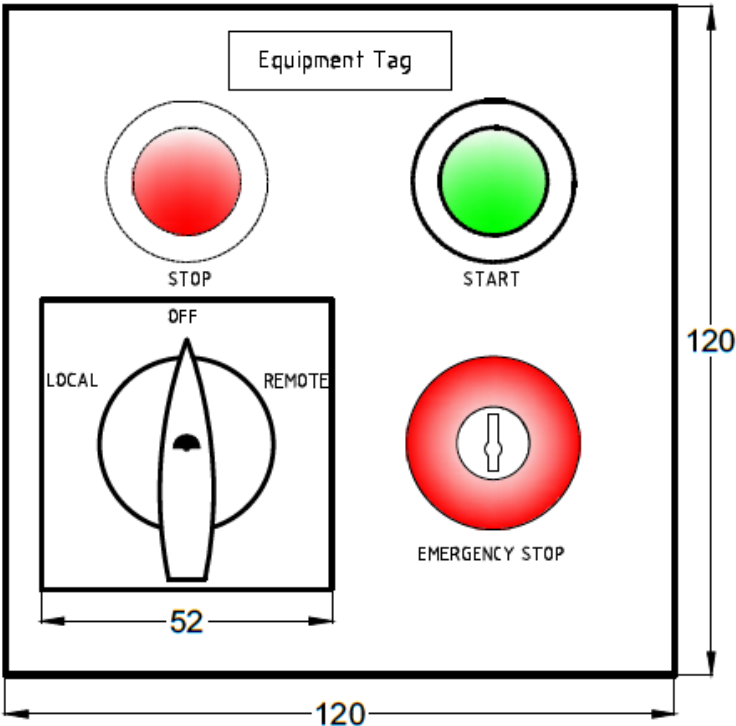
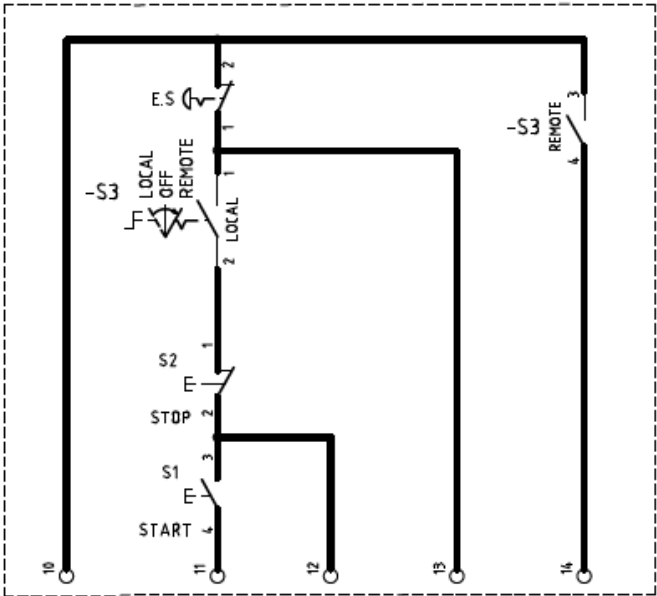
CONTACT	1-2	3-4	5-6
REMOTE		✗	✗
LOCAL	✗		



For DOL, Non UPCD, Bidirectional Motor Feeders.

	Document Number: 12002-D-EL-DSH-303-GNL-048	Rev		Date: 23/07/2024
Class: FA	Library Code: 303-E03-0000-00-EL-DSH-048-3	Client	Vendor	7 Page of 10
	Document Title: Data Sheet for Local Control Box (LCB)	03	00	

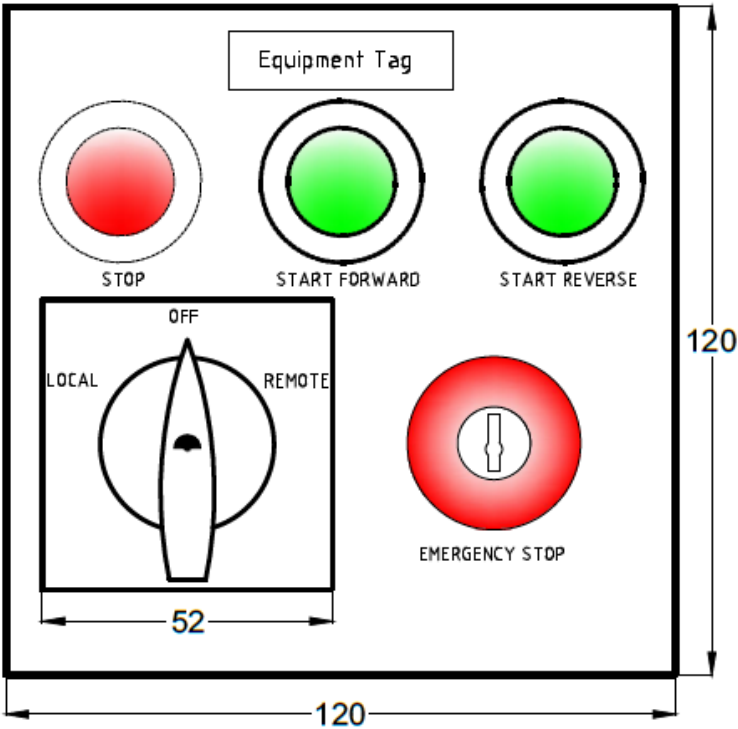
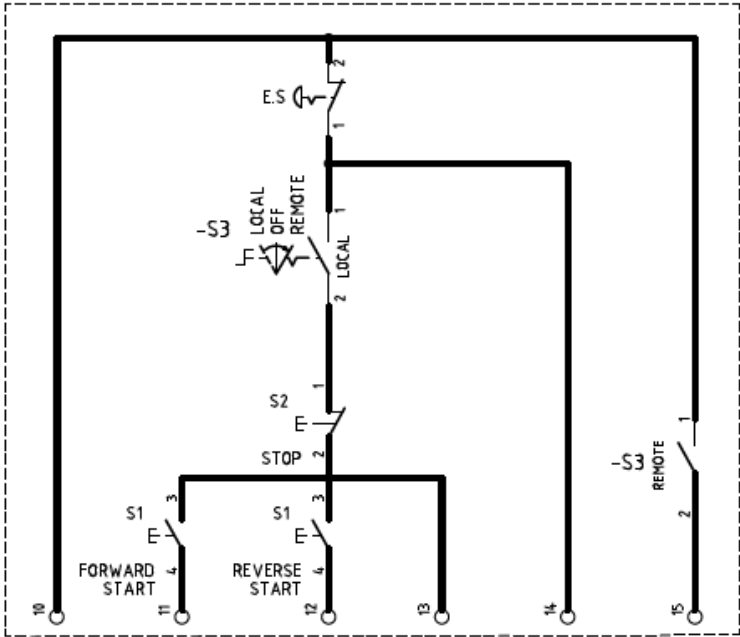
LCB (2A Type)



For DOL, UPCD, Unidirectional Motor Feeders.

	Document Number: 12002-D-EL-DSH-303-GNL-048	Rev	Date: 23/07/2024
Class: FA	Library Code: 303-E03-0000-00-EL-DSH-048-3	Client	Vendor
	Document Title: Data Sheet for Local Control Box (LCB)	03	00
			8 Page of 10

LCB (2B Type)

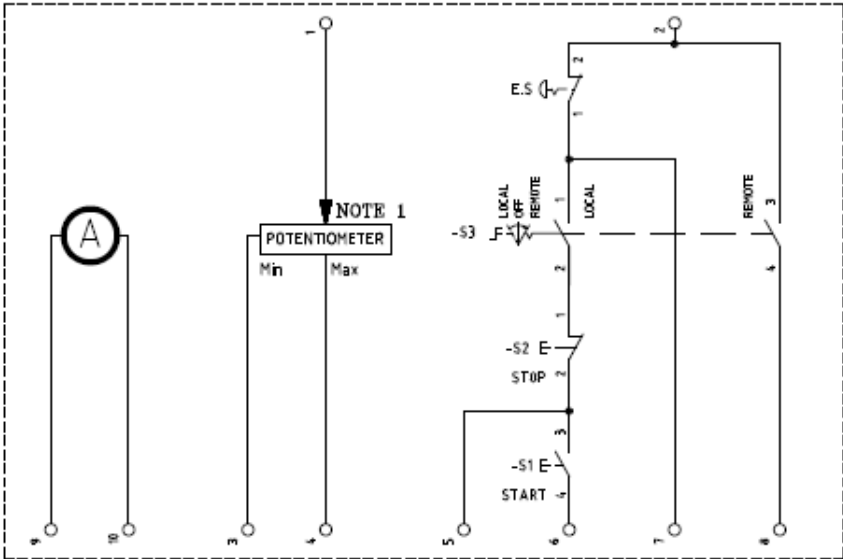


For DOL, UPCD, Bidirectional Motor Feeders.

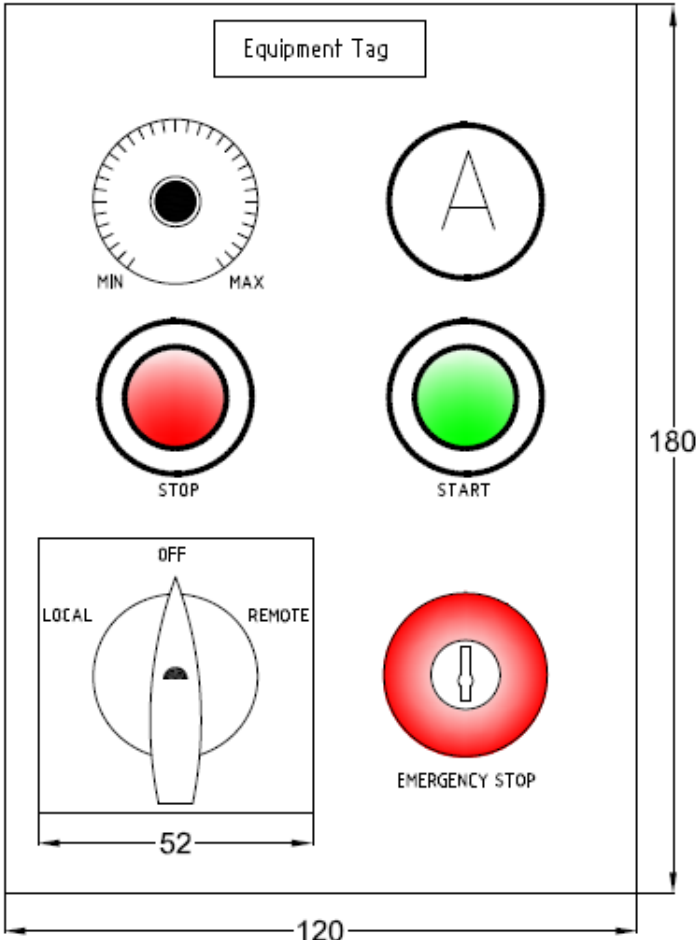
	Document Number: 12002-D-EL-DSH-303-GNL-048	Rev	Date: 23/07/2024
Class: FA	Library Code: 303-E03-0000-00-EL-DSH-048-3	Client	Vendor
	Document Title: Data Sheet for Local Control Box (LCB)	03	00

LCB (3A Type)

For VFD Motor Feeders.



NOTE 1: RANGE OF POTENTIOMETER (Kohm) FOR SPEED REF. WILL BE ADVISED BY VFD VENDOR.



	Document Number: 12002-D-EL-DSH-303-GNL-048	Rev	
		Date: 23/07/2024	
Class: FA	Library Code: 303-E03-0000-00-EL-DSH-048-3	Client	Vendor
	Document Title: Data Sheet for Local Control Box (LCB)	03	00
10 Page of 10			

Important Note:

- 1. Vendor Shall Consider All Derating Factor According to Site Condition, And Submit for Approval.
- 2. Vendor shall provide and issue the important data required to design the related structure/foundation.