Europa components | Technical Data: **LBCD**200-2503**PSN** AC-22@400V(415V)
Door Interlocked Changeover Switches

⚠ **Important Safety** Notice

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.
All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation.
All connections should be checked periodically to ensure correct tightness.
DO NOT USE POWER TOOLS ON THESE PRODUCTS

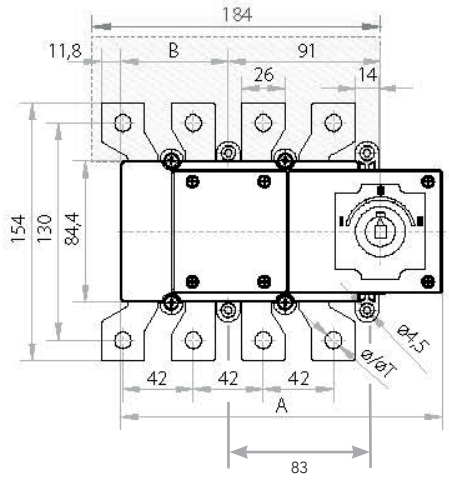
CE ☑ KEMA Certified ☑ EN 60947-1 & 3 Compliant ☑ IP65 RoHS Compliant

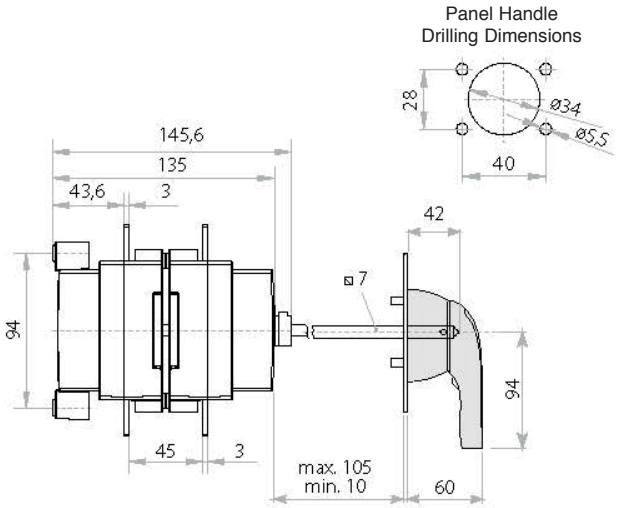
Data	Range	Units	LBCD2003PSN	LBCD2503PSN
Rated thermal Ith current at 40°C	Amps	A	200	250
Rated insulation voltage Ui	Volts	V	1000	1000
Rated dielectric strength	Volts	kV	5	5
Rated impulse voltage Uimp	Volts	kV	8	8
Rated operational current Ie at 400V AC-22	Amps	A	200	250
Rated operational current Ie at 400V AC-23	Amps	A	160	160
Rated operational power Pe at 400V AC-23	Watts	kW	89	89
Rated breaking capacity	Amps	A	1280	1280
Rated making capacity	Amps	A	1600	1600
Rated short circuit making capacity (peak value) Icm	Amps	kA	13	13
Rated short-time withstand current (1 sec) rms Icw	Amps	kA	7	7
Minimum number of mechanical operations	-	Cycles	10,000	10,000
Minimum number of electrical operations @ 400V AC-22	-	Cycles	1,000	1,000
Terminal Capacity (rigid copper cable)	-	mm²	120	120
Lug bolt size	-	-	M10	M10
Maximum size of busbar connection	-	mm	5x30	5x30
Tightening torque	-	Nm	13	13

Enclosure **Dimensions**

Dimensions (mm)

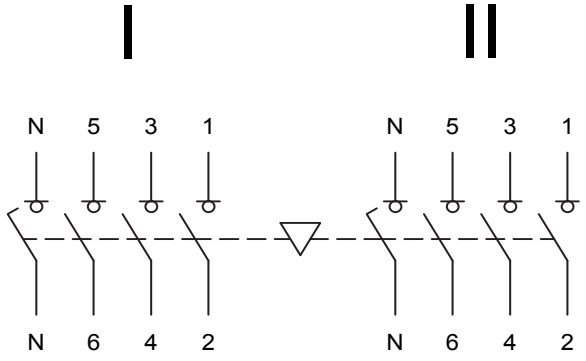
A		B		Ø	ØT
3P	4P	3P	4P		
181	192	53	64	10	M10

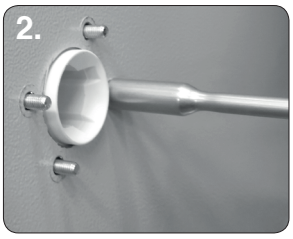




Terminal **Configuration**

LBC 3 Pole +
Switched Neutral

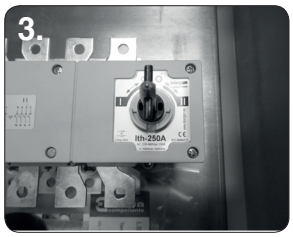


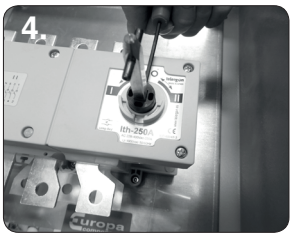


Handle Assembly:

1. Ensure that the handle is in the off position and locate the handle on to the door with the handle showing the off position at 12 o'clock

2. Tighten the four M5 flange nuts to 1.5Nm



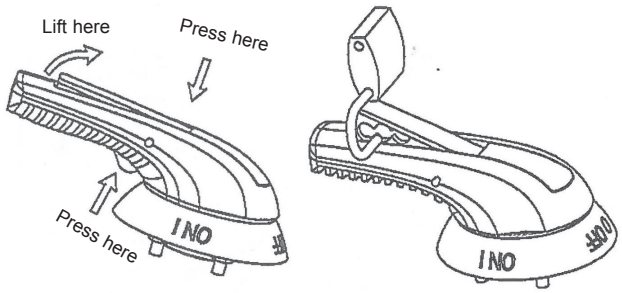


Shaft Assembly:

3. Ensure that the switch is in the off position and fully insert the shaft into the switch with the cross pin in a vertical position

4· Tighten the M5 shaft grub screw to 1.2Nm using a 2.5mm A/F allen key

Padlock Operation:



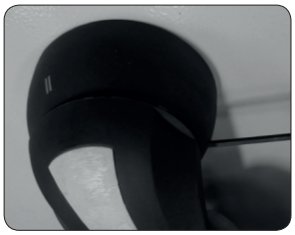
Door Interlock Defeat Mechanism (For Authorised Personnel Only):

⚠ **WARNING! ACCESS TO LIVE PARTS**

. Ensure that the door is closed and the handle is in the on position

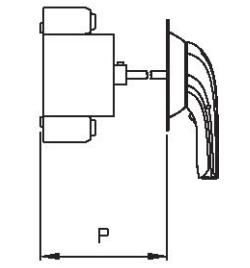
. Locate the hole on the right side of the handle, then push and hold a small pin into the hole to activate the defeat mechanism

. The door can now be opened in the on position. Remove pin and close the door to reset the mechanism

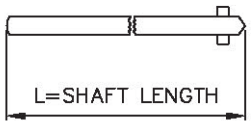


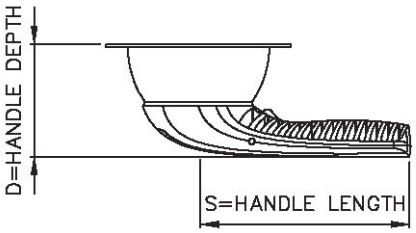
Product Prefix	Blue & White Handle	Red & Yellow Handle	Shaft Section (mm)	L (mm)	P (mm)	S (mm)	D (mm)
Standard Handle and Shafts							
LBC160/LBCD160	**LBPHBW060**	**Not Available**	□7	177	163-250	94	60
LBC200/LBCD200							
LBC250/LBCD250							
LBC315/LBCD315	**LBPHBW070**		□10	227	166-293	143	69
LBC400/LBCD400							
LBC630/LBCD630	**LBPHBW080**		□14	195	195-272	176	
LBC800/LBCD800							
LBC1000/LBCD1000	**LBPHBW110**			186	223-298	396	

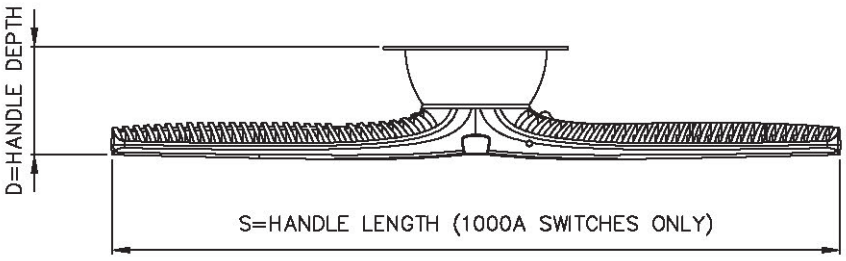
Extended Shafts							
Product Prefix	**Extended Shaft Type 1**	**Shaft Section (mm)**	**L (mm)**	**P (mm)**	**Extended Shaft Type 2**	**L (mm)**	**P (mm)**
LBCD160	**LBES010**	□7	250	163-323	**LBES020**	387	163-460
LBCD200							
LBCD250							
LBCD315	**LBES030**	□10	376	166-442	**LBES040**	536	166-602
LBCD400							
LBCD630	**LBES050**	□14	345	195-422	**LBES060**	535	195-612
LBCD800							
LBCD1000				223-457			223-647



P=DISTANCE FROM THE BACK OF THE SWITCH TO THE INSIDE OF THE PANEL







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