

Sprecher+Schuh Rotary Cam Switch Selection Guide

The Sprecher+Schuh (S+S) series of L2 cam switches are available for control and load applications up to 25A.

A complete L2 switch can be ordered with just two part numbers.

The L2 range comes in two mounting options

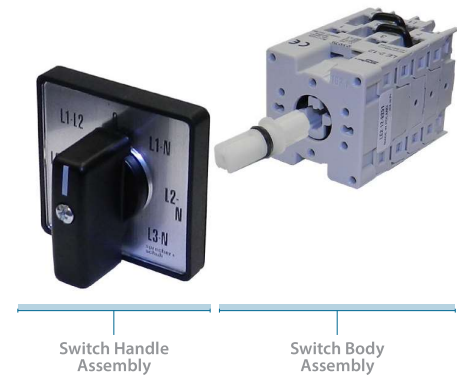
1. Panel Mount
2. Base Mount

Frame size options available in

1. 48 x 48mm
2. 64 x 64mm
3. 67 x 67mm

L2 rotary cam switches can function as

- Control Switches
- Motor Switches
- Multi-Position load switches
- Motor load disconnect switches
- Emergency OFF Switches



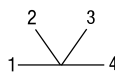
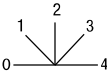
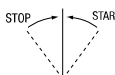
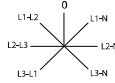
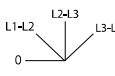
1 Determine switch body type required

Select from either a Panel or Base Mount Switch Body

Panel Mount Switch Bodies

Switch Body Description			Switch Body Catalogue Number				Switch Handle Code
Function	Switch Angle	Poles / Switch Wafers	Panel Mount				
			12 Amp	16 Amp	20 Amp	25 Amp	
ON - OFF							
	90°	2 / 1 4 / 2	LE2-12-1752 LE2-12-1754	LE2-16-1752 LE2-16-1754	LE2-20-1752 LE2-20-1754	LE2-25-1752 LE2-25-1754	175 175I
	90°	1 / 1 2 / 1 3 / 2 4 / 2	LE2-12-1781 LE2-12-1782 LE2-12-1783 LE2-12-1784	LE2-16-1781 LE2-16-1782 LE2-16-1783 LE2-16-1784	LE2-20-1781 LE2-20-1782 LE2-20-1783 LE2-20-1784	LE2-25-1781 LE2-25-1782 LE2-25-1783 LE2-25-1784	178 178I
Double Throw							
	45°	1 / 1 2 / 2 3 / 3 4 / 4	LE2-12-2251 LE2-12-2252 LE2-12-2253 LE2-12-2254	LE2-16-2251 LE2-16-2252 LE2-16-2253 LE2-16-2254	LE2-20-2251 LE2-20-2252 LE2-20-2253 LE2-20-2254	LE2-25-2251 LE2-25-2252 LE2-25-2253 LE2-25-2254	225
	60°	1 / 1 2 / 2 3 / 3 4 / 4	LE2-12-2501 LE2-12-2502 LE2-12-2503 LE2-12-2504	LE2-16-2501 LE2-16-2502 LE2-16-2503 LE2-16-2504	LE2-20-2501 LE2-20-2502 LE2-20-2503 LE2-20-2504	LE2-25-2501 LE2-25-2502 LE2-25-2503 LE2-25-2504	250
	45°	1 / 1 3 / 3 4 / 4	LE2-12-3251 - -	LE2-16-3251 - -	LE2-20-3251 - -	LE2-25-3251 LE2-25-3253 LE2-25-3254	325 325R
	60°	1 / 1 2 / 2 3 / 3 4 / 4	LE2-12-3501 LE2-12-3502 LE2-12-3503 LE2-12-3504	LE2-16-3501 LE2-16-3502 LE2-16-3503 LE2-16-3504	LE2-20-3501 LE2-20-3502 LE2-20-3503 LE2-20-3504	LE2-25-3501 LE2-25-3502 LE2-25-3503 LE2-25-3504	350
	45°	1 / 1 2 / 2	LE2-12-3261 LE2-12-3262	LE2-16-3261 LE2-16-3262	LE2-20-3261 LE2-20-3262	LE2-25-3261 LE2-25-3262	325

J1302D01_dSEN(N)-501

Switch Body Description			Switch Body Catalogue Number				Switch Handle Code
Function	Switch Angle	Poles / Switch Wafers	Panel Mount				
			12 Amp	16 Amp	20 Amp	25 Amp	
3 Position							
	60°	1 / 2	-	-	-	LE2-25-4501	450
3 Position (with OFF)							
	45°	1 / 1 2 / 2	LE2-12-5251 -	- -	LE2-20-5251 -	- LE2-25-5252	525
4 Position							
	60°	2 / 4	-	-	-	LE2-25-4512	451
4 Position (with OFF)							
	45°	1 / 2	LE2-12-5261	-	LE2-20-5261	LE2-25-5261	526
5 Position (with OFF)							
	45°	1 / 2	LE2-12-5271	-	LE2-20-5271	-	527
START - STOP							
	45°	1 / 1	LE2-12-9251	-	LE2-20-9251	-	925
REVERSING							
	45°	3 / 3	LE2-12-7303	LE2-16-7303	LE2-20-7303	LE2-25-7303	325
Voltmeter							
	45°	NA / 3	LE2-12-8251	LE2-16-8251	LE2-20-8251	LE2-25-8251	825 825A
	45°	NA / 2	LE2-12-8271	-	-	LE2-25-8271	827 827A
Ammeter							
	90°	1 / 3	LE2-12-8751	-	LE2-20-8751	LE2-25-8751	875
3 Current Transformers		2 / 5	LE2-12-8752	LE2-16-8752	-	-	

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Base Mount

Switch Body Description			Switch Body Catalogue Number				Switch Handle Code
Function	Switch Angle	Poles / Switch Wafers	Base Mount				
			12 Amp	16 Amp	20 Amp	25 Amp	
ON - OFF							
	90°	4 / 2	LA2-12-1754	LA2-16-1754	LA2-20-1754	LA2-25-1754	175 175I
	90°	1 / 1 3 / 2 4 / 2	LA2-12-1781 LA2-12-1783 LA2-12-1784	LA2-16-1781 LA2-16-1783 LA2-16-1784	LA2-20-1781 LA2-20-1783 LA2-20-1784	LA2-25-1781 LA2-25-1783 LA2-25-1784	178 178I
START - STOP							
	45°	1 / 1	LA2-12-9251	-	-	-	925
REVERSING							
	45°	3 / 3	LA2-12-7303	LA2-16-7303	LA2-20-7303	-	325
Double Throw							
	45°	2 / 2	LA2-12-3252	LA2-16-3252	LA2-20-3252	-	325 325R
Voltmeter							
	45°	NA / 3	LA2-12-8251	LA2-16-8251	LA2-20-8251	LA2-25-8251	825 825A
	45°	NA / 2	LA2-12-8271	-	-	-	827 827A
Ammeter							
	90°	1 / 3 3 Current Transformers	LA2-12-8751	-	-	-	875

Note: For more switch body options contact NHP

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Example

Switch required is 3-pole, panel mount, ON-OFF marked positions with a 90 degree switching angle and rated at 16A. Switch should use handle with silver legend plate that's padlockable with dimensions of 48 x 48mm and should be mounted with screws.

Function	ON - OFF
Switch Angle	90 degrees clockwise starting from a vertical position
Amperage	16 A
Poles / Switch Wafers	3-Poles
Mounting	Panel
Switch Body Part Number (Selected)	LE2-16-1783

2 Determine the Switch Handle Assembly you require

- 1.1 Determine Type of **Switch Handle Assembly** (i.e Type A, E, I, L etc)
- 1.2 Determine **Mounting Method** (i.e Screw or Central Nut)
- 1.3 Determine **Frame Size** (i.e 48 x 48mm/64 x 64mm)

Switch Handle Assembly	Mounting Method	Frame Size	Catalog Number
Type A - Type 12 Silver Legend Plate - Black Knob 	Screw 1 3	48 x 48	LFS2-A-4-*
		64 x 64	LFS2-A-6-*
	Central Nut 2 3	48 x 48	LFC2-A-4-*
Type E - Type 12 Silver Legend Plate - Black Knob 	Screw 1 3	48 x 48	LFS2-E-4-*
		64 x 64	LFS2-E-6-*
	Central Nut 2 3	48 x 48	LFC2-E-4-*
Type I - Type 12 Yellow Legend Plate - Red Knob 	Screw 1 3	48 x 48	LFS2-I-4-*
		64 x 64	LFS2-I-6-*
	Central Nut 2 3	48 x 48	LFC2-I-4-*
Type L - Type 12 Yellow Legend Plate - Red Knob 	Screw 1 3	48 x 48	LFS2-L-4-*
		64 x 64	LFS2-L-6-*
	Central Nut 2 3	48 x 48	LFC2-L-4-*

Switch Handle Assembly	Mounting Method	Frame Size	Catalog Number
Type G - Type 12 Grey Frame - Black Handle 	Screw 1	67 x 67	LFS2-G-6-175
	Central Nut 2	67 x 67	LFC2-G-6-175
Type N - Type 12 Yellow Frame - Red Handle 	Screw 1	67 x 67	LFS2-N-6-175
	Central Nut 2	67 x 67	LFC2-N-6-175
Type B - Type 12 Grey Ring - Black Knob 	Central Nut 2	NA	LFC2-B-001
Type C - Type 12 Silver Legend Plate 	Central Nut 2	48 x 48	LFC2-C-4-*

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- ❶ Mounting screws included with Switch Body Assy.
- ❷ Central Nut mounting method cannot be used on LA style Switch Body Assemblies.
- ❸ To order Switch Handle Assembly without legend plate, replace (*) with "001".
- ❹ LFS(C)2-G(N)-6-175 handles are marked "I-ON" and "O-OFF".

Example

In step 1, switch body LE2-16-1783 had been selected.
Requirement for switch handle assembly with silver background and the knob to be padlocked

Switch Handle Assembly	Type E
Mounting Method	Screw Mount
Frame Size	48 x 48mm frame
Switch Handle Assembly Number	LFS2-E-4-*

3 Select Switch Handle Code and determine if code is available in the Switch Handle Assembly type

Switch Handle Code	Standard Legend Markings	Frame Size	Switch Handle Assembly type												
			Screw Mount						Central Nut						
			A	E	I	L	G	N	A	E	I	L	C	G	N
000		Standard	•	•	•	•			•	•	•	•	•		
		Larger	•	•	•	•						•			
175		Standard	•	•	•	•	•	•	•	•	•	•	•	•	•
		Larger	•	•	•	•						•			
175I		Standard	•	•	•	•	•	•	•	•	•	•	•	•	•
		Larger	•	•	•	•						•			
178		Standard	•	•	•	•			•	•	•	•	•		
		Larger	•	•	•	•						•			
178I		Standard	•	•	•	•			•	•	•	•	•		
		Larger	•	•	•	•						•			
225		Standard	•						•				•		
		Larger	•												
250		Standard	•						•				•		
		Larger	•												
325		Standard	•						•				•		
		Larger	•												
325R		Standard	•						•				•		
		Larger	•												
350		Standard	•						•				•		
		Larger	•												
375		Standard	•						•				•		
		Larger	•												

Switch Handle Code	Standard Legend Markings	Frame Size	Switch Handle Assembly type												
			Screw Mount						Central Nut						
			A	E	I	L	G	N	A	E	I	L	C	G	N
450		Standard	•						•				•		
	Larger	•													
451		Standard	•						•				•		
	Larger	•													
525		Standard	•						•				•		
	Larger	•													
526		Standard	•						•				•		
	Larger	•													
527		Standard	•						•				•		
	Larger	•													
825		Standard	•						•						
	Larger	•													
825A		Standard	•						•						
	Larger	•													
827		Standard	•						•						
	Larger	•													
827A		Standard	•						•						
	Larger	•													
875		Standard	•						•	•					
	Larger	•													
925		Standard	•						•						
	Larger	•													

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Example

Switch body selected earlier was LE2-16-1783, which has a switch handle code of 178 and 178I. Similarly a Type E switch handle assembly was selected, which is available with either 178 or 178I switch handle codes as noted above

Switch handle code

178 or 178I

Confirm compatibility by moving horizontally across the row and coinciding with column bearing Type E under the main column Screw Mount.

As per the table Switch Handle Codes 178/178I are compatible with Switch Handle Assemblies.

Switch Handle Assembly code (Complete)

LFS2-A-4-178 or LFS2-A-4-178I

Select between 178 and 178I depending on marking required on the legend plate e.g 0 1 or OFF ON

Complete S + S Cam
Switch selected consists of
following two part numbers

1. LE2-16-1783
2. LFS2-E-4-178

4 Select Optional Modular
or Metal Shaft extension components

Modular Shaft Extension Components (LA2 Base Mount)

Component	Catalogue Number
44mm End Shaft (supplied with LA2 Switch Body Assembly)	LA2-G2830
52mm End Shaft	LA2-G3194
57mm End Shaft	LA2-G3195
Extension Module (two per pkg - priced per pkg)	LA2-G2853

Modular Shaft Extension Components (LA2 Base Mount)

Number of Extension Modules	Required End Shaft	Mounting depth (mm)	
		Switch body LA2-12/16	Switch body LA2-20/25
0	44mm	71.5 - 77.5	75 - 80.5
0	52mm	77 - 87	80 - 90
0	57mm	82 - 92	85 - 95
1	44mm	99.5 - 101.5	99 - 105
1	52mm	97.5 - 111	101 - 114.5
1	57mm	102.5 - 116	106 - 119.5
2	44mm	119.5 - 125.5	123 - 129
2	52mm	121.5 - 135	125 - 138.5
2	57mm	126.5 - 140	130 - 143.5
3	44mm	143.5 - 149.5	147 - 153
3	52mm	145.5 - 159	149 - 162.5
3	57mm	150.5 - 164	154 - 167.5
4	44mm	167.5 - 173.5	171 - 177
4	52mm	169.5 - 183	173 - 186.5
4	57mm	169.5 - 183	178 - 191.5
5	44mm	191.5 - 197.5	195 - 201
5	52mm	193.5 - 207	197 - 210.5
5	57mm	198.5 - 212	202 - 215.5
6	44mm	215.5 - 221.5	219 - 225
6	52mm	217.5 - 231	221 - 234.5
6	57mm	222.5 - 236	226 - 239.5

Metal Shaft Extension Components (LA2 Base Mount)

Component	Catalogue Number
Short Metal Shaft Length: 10 ... 235mm (4-21/64...9-1/4 in.)	LA2-G3393
Long Metal Shaft Length: 230 ... 350mm (9-3/64...13-51/64 in.)	LA2-G3394
Insert - For modifying metal shaft to switch position	LA2-G3398
Insert - For modifying metal shaft to switch any position (not lockable)	LA2-G3399

Metal Shaft Extension Table

Number of Extension Modules	Mounting depth (mm)	
	Switch body LA2-12/16	Switch body LA2-20/25
LA2-G3393	178 - 309	181.5 - 312.5
LA2-G3394	298 - 424	301.5 - 427.5

J1302D01_dSELN-506

Modular Shaft Extension



Metal Shaft Extension



Control and Cam Switches

Sprecher + Schuh Control Switches

L2 Control Switches Complete with Knob	Page 647
OFF / ON Switches	Page 649
Changeover Switches	Page 650
Stop/Start Switches with Spring Return	Page 653
L2 Step Switches	Page 654
Voltmeter Switches	Page 654
Ammeter for 3CTs	Page 655
Reversing and 2 Speed Switches	Page 656
Control Switches for Modular Distribution Panel	Page 656
Legends for L2 Control Switches	Page 657
Accessories for Control and Cam Switches	Page 657



Safety and quality

- Switch bodies with Touch-Proof terminals (IP 20)
- IP 65 Control knobs
- Long operational life and high reliability
- Positive switching action with clearly defined switching point
- All switch bodies are manufactured from self-extinguishing materials (corresponding to class UL 94 V0)

Time Saving installation

- Captive terminal screws already open for fast installation
- Robust screwdriver guide for easy wiring using manual or power screwdriver
- Clear terminal markings prevent wiring mistakes
- Easy access to switch terminals (angled screws)
- Switch handle assemblies available with either screw fixing or central nut mounting

The Sprecher + Schuh range of L2 control switches is a comprehensive range of cam switches designed to meet various control and load switching requirements.

The module range provides simple but reliable assembly, with only two part numbers (switch handle + switch body assembly) required to build a complete L2 switch.

Switches are available in 12, 16, 20 and 25A sizes with a wide variety of handle types to choose from to accommodate for various switching requirements.

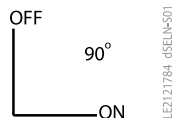
The switch bodies are manufactured from self-extinguishing materials and include touch proof (IP20) terminals whereas the control knobs are IP65 rated.

The range is well supported by a host of accessories such as extension shafts and door interlocks to suit your application requirements.

L2 Control Switches Complete with Knob

These L2 switches are ordered as a complete kits with both the standard control knob and switch body pre-assembled. Various complete kits are available with a range of switching functions

Function



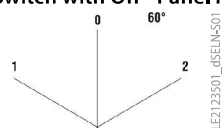
OFF / ON Switch - Panel Mounted with Standard Knob



SA-LE2-12-1781

AC-21a (A@690V)	AC-22a (A@220-500V)	AC-23a 1ph (kW@220-240V)	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	12	1.3	4	1/1	48 x 48 x 72		SA-LE2-12-1781	94.00
12	12	1.3	4	2/1	48 x 48 x 72		SA-LE2-12-1782	107.00
12	12	1.3	4	1/1	48 x 48 x 72		CA-LE2-12-1781	109.00
12	12	1.3	4	2/1	48 x 48 x 72		CA-LE2-12-1782	118.00

Changeover Switch with Off - Panel Mounted with Standard Knob
Function

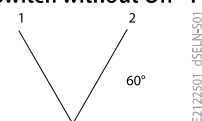


AC-21a (A@690V)	AC-22a (A@220-500V)	AC-23a 1ph (kW@220-240V)	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	12	1.3	4	1/1	48 x 48 x 72		SA-LE2-12-3501	113.00
12	12	1.3	4	1/1	48 x 48 x 72		CA-LE2-12-3501	125.00
12	12	1.3	4	2/2	48 x 48 x 82		SA-LE2-12-3502	142.00
12	12	1.3	4	2/2	48 x 48 x 82		CA-LE2-12-3502	151.00



CA-LE2-12-3501

Changeover Switch without Off - Panel Mounted with Standard Knob
Function

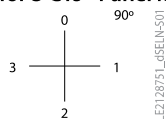


AC-21a (A@690V)	AC-22a (A@220-500V)	AC-23a 1ph (kW@220-240V)	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	12	1.3	4	1/1	48 x 48 x 72		SA-LE2-12-2501	113.00
12	12	1.3	4	1/1	48 x 48 x 72		CA-LE2-12-2501	125.00
12	12	1.3	4	2/2	48 x 48 x 82	A	SA-LE2-12-2502	158.00
12	12	1.3	4	2/2	48 x 48 x 82		CA-LE2-12-2502	163.00



CA-LE2-12-2502

Ammeter Switch for 3 CTs - Panel Mounted with Standard Knob
Function



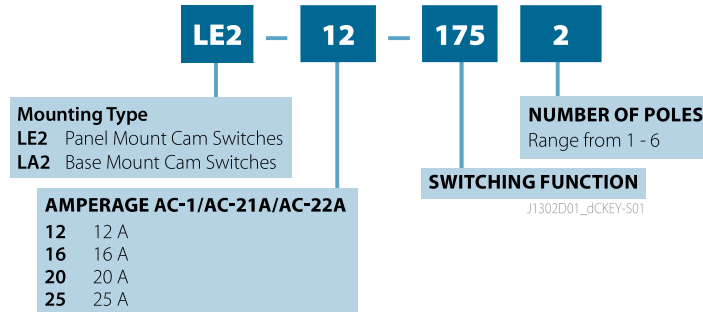
AC-21a (A@690V)	AC-22a (A@220-500V)	Poles	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	12	1	48 x 48 x 92	A	SA-LE2-12-8751	171.00
12	12	1	48 x 48 x 92		CA-LE2-12-8751	182.00



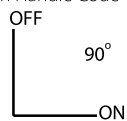
CA-LE2-12-8751

OFF / ON Switches

L2 OFF/ON control switches (also known as isolators) are for auxiliary control/isolation of a motor or other device. Simply wire up incoming power to the input terminals and the device power terminals to the output terminals of the switch. Available in panel or base mount with a wide variety of control knobs to suit every application.

Catalogue Number Construction**Switch Body - Panel Mount**

To be used with Switch Handle Code 178/178I

Function

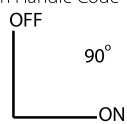
LE 2-12-1781

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AC-21a (A@690V)	AC-22a (A@220-500V)	AC-23a 1ph (kW@220-240V)	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
25	25	3.2	11	4/2	55 x 55 x 82		LE2-25-1784	215.00
12	12	1.3	4	1/1	42 x 42 x 44		LE 2-12-1781	70.00
12	12	1.3	4	2/1	42 x 42 x 44		LE 2-12-1782	81.00
12	12	1.3	4	3/2	42 x 42 x 54		LE 2-12-1783	117.00
12	12	1.3	4	4/2	42 x 42 x 54		LE 2-12-1784	141.00
16	16	2.2	5.5	3/2	42 x 42 x 64		LE 2-16-1783	141.00
20	20	2.5	7.5	1/1	55 x 55 x 44.5		LE 2-20-1781	113.00
20	20	2.5	7.5	2/1	55 x 55 x 44.5		LE 2-20-1782	141.00
20	20	2.5	7.5	3/2	55 x 55 x 57		LE 2-20-1783	182.00
20	20	2.5	7.5	4/2	55 x 55 x 57		LE 2-20-1784	207.00
25	25	3.2	11	3/2	55 x 55 x 57		LE 2-25-1783	227.00
25	25	3.2	11	2/1	55 x 55 x 57		LE2-25-1782	92.50

Switch Body - Base Mount

To be used with Switch Handle Code 178/178I

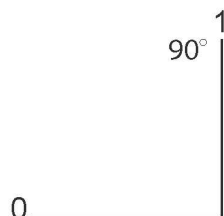
Function

LA 2-12-1781

AC-21a (A@690V)	AC-22a (A@220-500V)	AC-23a 1ph (kW@220-240V)	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	12	1.3	4	1/1	59 x 59 x 58	I	LA 2-12-1781	84.00
16	16	2.2	5.5	3/2	59 x 59 x 68		LA 2-16-1783	163.00
25	25	3.2	11	3/2	62 x x 71.5	I	LA 2-25-1783	246.00

Switch Body - Base Mount

To be used with Switch Handle Code 175/175I



AC-21a (A@690V)	AC-23a 1ph (kW@220-240V)	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
25	3.2	11	4/2	55 x 55 x 82	I	LA2-25-1754	250.00

Control Knobs for Off / On Switches

To be used with Switch Body Code 178/178I

Note: Code 001 indicates blank plate

Knob Code	Engraving	Mounting	H x W (mm)	Item Type	Catalogue No.	\$AU
A	Off - On	Screw Fixing	48 x 48	K	LFS2-A-4178I	24.00
B	N/A	22.5mm Mounting	30 x 30	I	LFC2-B-001	26.00
A	Off - On	22.5mm Mounting	48 x 48	K	LFC2-A-4-178I	36.00
E	Off - On	Screw Fixing	48 x 48	K	LFS2-E-4178I	42.00
N	Off - On	Screw Fixing	67 x 67		LFS2-N-6-178	64.00
C	N/A	22.5mm Mounting	48 x 48		LFC2-CC-4-001	168.00
C	Off - On	22.5mm Mounting	48 x 48	K	LFC2-CC-4178I	168.00



LFS2-N-6-178

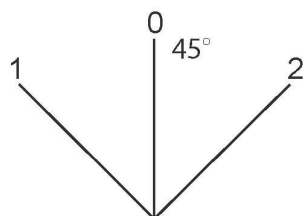
Changeover Switches

L2 changeover switches are designed to alter where the supply power is coming from and is primarily used for manually switching from the mains to a generator power source. Available in both panel and base mount variants with a wide variety of control knob designs to choose from for your application. The range includes models that can changeover up to 4 poles.

Changeover with Off

Complete

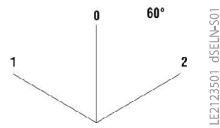
Item Description	Item Type	Catalogue No.	\$AU
KIT FOR DIN M-O-A RAIL MNT SW (COMPLETE KIT WITH SWITCH BODY AND HANDLE)	K	LA212UNICOSK	143.00



Switch Body - Panel Mount 45 Degrees

AC-21a (A@690V)	AC-23a 1ph (kW@220-240V)	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
20	2.5	7.5	2/2	50 x 49 x 44.5	I	LE2-20-3252	260.00
25	3.2	11	3/3	55 x 55 x 82		LE2-25-3253	275.00
25	3.2	11	4/4	55 x 55 x 82		LE2-25-3254	345.00

Function

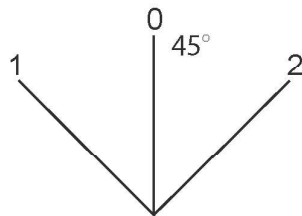


Switch Body - Panel Mount 60 Degrees



LE 2-12-3501

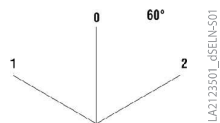
AC-21a (A@690V)	AC-22a (A@220-500V)	AC-23a 1ph (kW@220-240V)	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	12	1.3	4	1/1	42 x 42 x 44		LE 2-12-3501	87.00
12	12	1.3	4	2/2	42 x 42 x 54		LE 2-12-3502	124.00
12	12	1.3	4	3/3	42 x 42 x 64		LE 2-12-3503	184.00
12	12	1.3	4	4/4	42 x 42 x 74		LE 2-12-3504	231.00
20	20	2.5	7.5	1/1	50 x 49 x 44.5		LE 2-20-3501	141.00
20	20	2.5	7.5	2/2	50 x 49 x 57		LE 2-20-3502	207.00
20	20	2.5	7.5	3/3	50 x 49 x 69.5		LE 2-20-3503	281.00
25	25	3.2	11	3/3	55 x 55 x 82	I	LE 2-25-3503	337.00
25	25	3.2	11	4/4	55 x 55 x 82	I	LE 2-25-3504	384.00



Switch Body - Base Mount 45 Degrees

AC-21a (A@690V)	AC-23a 1ph (kW@220-240V)	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
20	2.5	7.5	2/2	62 x 62 x 59	I	LA2-20-3252	275.00

Function



Switch Body - Base Mount 60 Degrees



LA 2-12-3502

AC-21a (A@690V)	AC-22a (A@220-500V)	AC-23a 1ph (kW@220-240V)	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	12	1.3	4	1/1	59 x 59 x 58		LA 2-12-3501	109.00
12	12	1.3	4	2/2	59 x 59 x 68		LA 2-12-3502	151.00

Control Knobs for Changeover with Off

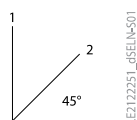


LFC2-CC-4350

Switch Handle Code	Engraving	Mounting	H x W (mm)	Switch Code	Item Type	Catalogue No.	\$AU
A	1 - 0 - 2	Screw Fixing	48 x 48	350	K	LFS2-A-4350	24.00
A	Man - OFF - Auto	Screw Fixing	48 x 48	350	K	LFS2A4350R	24.00
A	Local - OFF - Remote	Screw Fixing	48 x 48	350	K	LFS2-A-4350S	24.00
P	Man - OFF - Auto	Screw Fixing	45 x 54	350		LFS2-P-4-350R	34.00
A	1 - 0 - 2	22.5mm Mounting	48 x 48	350	K	LFC2-A-4350	36.00
A	Man - OFF - Auto	22.5mm Mounting	48 x 48	350	K	LFC2-A-4350R	36.00
A	Local - OFF - Remote	22.5mm Mounting	48 x 48	350	K	LFC2-A-4350S	36.00
E	1 - 0 - 2	Screw Fixing	48 x 48	350	K	LFS2-E-4350	42.00
E	Man - OFF - Auto	Screw Fixing	48 x 48	350	K	LFS2-E-4350R	42.00
C	1 - 0 - 2	22.5mm Mounting	48 x 48	350	K	LFC2-CC-4350	168.00

Changeover without Off 45 Degree

Function



Switch Body - Panel Mount

AC-21a (A@690V)	AC-22a (A@220-500V)	AC-23a 1ph (kW@220-240V)	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	12	1.3	4	1/1	42 x 42 x 44	I	LE 2-12-2251	87.00
25		3.2	11	4/4	55 x 55 x 82	I	LE2-25-2254	410.00



LE 2-12-2251

Control Knobs for Changeover without Off 45 Degree

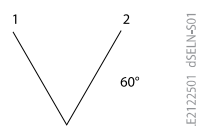
Knob Code	Engraving	Mounting	H x W (mm)	Item Type	Catalogue No.	\$AU
A	1 - 2	Screw Fixing	48 x 48	K	LFS2-A-4225	24.00
A	Man - Auto	Screw Fixing	48 x 48	K	LFS2-A-4225R	24.00
A	1 - 2	22.5mm Mounting	48 x 48	K	LFC2-A-4-225	36.00
A	Man - Auto	22.5mm Mounting	48 x 48	K	LFC2-A-4-225R	36.00
C	1 - 2	22.5mm Mounting	48 x 48	K	LFC2-CK-4225	168.00



LFC2-CK-4225

Changeover Without Off 60 Degree

Function



Switch Body - Panel Mount

AC-21a (A@690V)	AC-22a (A@220-500V)	AC-23a 1ph (kW@220-240V)	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	12	1.3	4	1/1	42 x 42 x 44		LE 2-12-2501	84.00
12	12	1.3	4	2/2	42 x 42 x 54		LE 2-12-2502	128.00
20	20	2.5	7.5	1/1	55 x 55 x 44.5	I	LE 2-20-2501	141.00
12	12	1.3	4	3/3	42 x 42 x 64		LE 2-12-2503	184.00
20	20	2.5	7.5	2/2	55 x 55 x 57	I	LE 2-20-2502	214.00
12	12	1.3	4	4/4	42 x 42 x 74		LE 2-12-2504	231.00
20	20	2.5	7.5	3/3	55 x 55 x 69.5	I	LE 2-20-2503	281.00
25	25	3.2	11	3/3	55 x 55 x 69.5	I	LE 2-25-2503	337.00
25	25	3.2	11	4/4	55 x 55 x 74	I	LE 2-25-2504	398.00



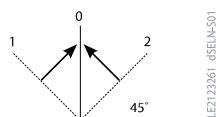
LE 2-12-2502

Control Knobs for Changeover Without Off 60 Degree

Knob Code	Engraving	Mounting	H x W (mm)	Item Type	Catalogue No.	\$AU
A	1 - 2	Screw Fixing	48 x 48	K	LFS2-A-4250	24.00
A	Man - Auto	Screw Fixing	48 x 48	K	LFS2-A-4250R	24.00
A	1 - 2	22.5mm Mounting	48 x 48	K	LFC2-A-4-250	36.00
A	Man - Auto	22.5mm Mounting	48 x 48	K	LFC2-A-4250R	36.00

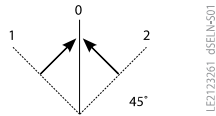
Changeover Spring Return

Function



Changeover Spring Return

Function



Switch Body - Panel Mount



LE 2-12-3261

AC-21a (A@690V)	Mounting	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	Panel Mount	4	1/1	42 x 40 x 44		LE 2-12-3261	87.00
12	Panel Mount	4	2/2	42 x 40 x 54		LE 2-12-3262	115.00

Control Knobs for Changeover Spring Return



LFS2-A-4325

Knob Code	Engraving	Mounting	H x W (mm)	Item Type	Catalogue No.	\$AU
A	1 - 0 - 2	Screw Fixing	48 x 48	K	LFS2-A-4325	24.00
A	Man - 0 - Auto	Screw Fixing	48 x 48	K	LFS2-A-4325R	24.00
A	1 - 0 - 2	22.5mm Mounting	48 x 48	K	LFC2-A-4325	36.00
A	Man - 0 - Auto	22.5mm Mounting	48 x 48	K	LFC2-A-4325R	36.00
C	1 - 0 - 2	22.5mm Mounting	48 x 48	K	LFC2-CC-4325	168.00

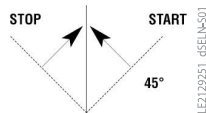
Stop/Start Switches with Spring Return

The S+S L2 Stop/Start cam switches when operated with are designed to switch and start motors. They have a spring-return internally built mechanism from the start position, upon it's release it switches back the device back to stop. This cam switch type is useful for switching an moving motors in sporadic bursts. Available in both panel and base mount styles.

Switch Body - Panel Mount

To be used with Switch Handle Code 925

Function



LE 2-12-9251

AC-21a (A@690V)	AC-22a (A@220-500V)	AC-23a 1ph (kW@220-240V)	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	12	1.3	4	1/1	42 x 42 x 44		LE 2-12-9251	87.00

Switch Body - Base Mount

To be used with Switch Handle Code 925



LA2-12-9251

AC-21a (A@690V)	AC-23a 1ph (kW@220-240V)	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	1.3	4	1/1	42 x 42 x 58		LA2-12-9251	92.00

Control Knobs for Stop / Start with Spring Return

To be used with Switch Body Code 925



LFC2-CC-4925

Knob Code	Engraving	Mounting	H x W (mm)	Item Type	Catalogue No.	\$AU
A	Stop - Start	Screw Fixing	48 x 48	K	LFS2-A-4925	24.00
A	Stop - Start	22.5mm Mounting	48 x 48	K	LFC2-A-4925	36.00
C	Stop - Start	22.5mm Mounting	48 x 48	K	LFC2-CC-4925	168.00

L2 Step Switches

L2 step switches are designed for auxiliary switching between up to 6 devices. By simply wiring up one input and up to 6 outputs the signal can be re-directed at the will of the operator. Available in panel mount style with a wide variety of control knobs to suit every application.

Step Switches with Off

525 -> Switch Handle Code 525

526 -> Switch Handle Code 526

527 -> Switch Handle Code 527

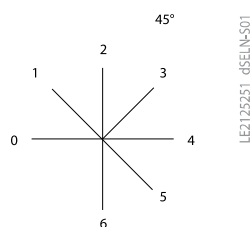
Switch Body - Panel Mount

AC-21a (A@690V)	Steps (qty)	AC-23a 1 ph (kW@220-240V)	AC-23a 3 ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	2	1.3	4	1/1	42 x 42 x 44	I	LE 2-12-5251	87.00
12	3	1.3	4	1/1	42 x 42 x 54	I	LE 2-12-5261	115.00
12	4	1.3	4	1/1	42 x 42 x 54	I	LE 2-12-5271	131.00
20	4	2.5	7.5	1/1	55 x 55 x 57	I	LE 2-20-5261	185.00
20	5	2.5	7.5	1/1	55 x 55 x 57	I	LE 2-20-5271	215.00
25	4	3.2	11	2/2	55 x 55 x 57	I	LE2-25-5252	230.00



LE 2-12-5251

Function



Control Knobs for Step Switches with Off

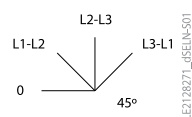
Knob Code	Engraving	Mounting	H x W (mm)	Item Type	Catalogue No.	\$AU
A	2 steps	Screw Fixing	48 x 48	K	LFS2-A-4525	24.00
A	3 steps	Screw Fixing	48 x 48	K	LFS2-A-4526	24.00
A	4 steps	Screw Fixing	48 x 48	K	LFS2-A-4527	24.00
A	5 steps	Screw Fixing	48 x 48	K	LFS2-A-4528	24.00
A	6 steps	Screw Fixing	48 x 48	K	LFS2-A-4529	24.00
A	2 steps	22.5mm Mounting	48 x 48	K	LFC2-A-4525	36.00
A	3 steps	22.5mm Mounting	48 x 48	K	LFC2-A-4526	36.00
A	4 steps	22.5mm Mounting	48 x 48	K	LFC2-A-4527	36.00
A	5 steps	22.5mm Mounting	48 x 48	K	LFC2-A-4528	36.00
A	6 steps	22.5mm Mounting	48 x 48	K	LFC2-A-4529	36.00

Voltmeter Switches

L2 voltmeter switches are a quick and easy to install method of providing more flexibility to the operator when measuring phase to phase or phase to neutral voltages. Rather than hardwire each voltage to a measurement device each input can be connected to a voltmeter switch with the output being determined by the switch position e.g. L1-N. Available in panel mount style with a wide variety of control knobs to suit every application.

Phase to Phase

Function



Switch Body - Panel Mount

AC-21a (A@690V)	AC-22a (A@220-500V)	AC-23a 1 ph (kW@220-240V)	AC-23a 3 ph (kW@380-440V)	Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	12	1.3	4	2	42 x 42 x 54	I	LE 2-12-8271	130.00
25	25	3.2	11	2	55 x 55 x 57	I	LE 2-25-8271	266.00



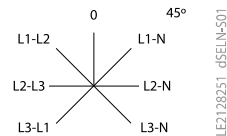
LE 2-12-8271

Control Knobs for Phase to Phase

Knob Code	Engraving	Mounting	H x W (mm)	Item Type	Catalogue No.	\$AU
A	L1 - L2, L2 - L3, L3 - L1	Screw Fixing	48 x 48	K	LFS2-A-4827A	24.00
A	L1 - L2, L2 - L3, L3 - L1	22.5mm Mounting	48 x 48	K	LFC2-A-4827A	36.00

Phase to Phase and Phase to Neutral

Function



Switch Body - Panel Mount



LE 2-12-8251

AC-21a (A@690V)	AC-22a (A@220-500V)	AC-23a 1ph (kW@220-240V)	AC-23a 3ph (kW@380-440V)	Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	12	1.3	4	3	42 x 42 x 64		LE 2-12-8251	180.00
25		3.2	11	3	55 x 55 x 69.5		LE2-25-8251	330.00

Control Knobs for Phase to Phase and Phase to Neutral

Knob Code	Engraving	Mounting	H x W (mm)	Item Type	Catalogue No.	\$AU
A	L1 - L2 (N), L2 - L3 (N), L3 - L1 (N)	Screw Fixing	48 x 48	K	LFS2-A-4825A	24.00
A	L1 - L2 (N), L2 - L3 (N), L3 - L1 (N)	22.5mm Mounting	48 x 48	K	LFC2-A-4825A	36.00

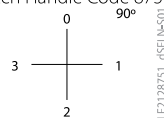
Ammeter for 3CTs

L2 ammeter switches are a quick and easy to install method of providing more flexibility to the operator when measuring three-phase current, also ensuring that the CTs are never open circuit. Rather than hardwire each phase to a measurement device each CT can be connected to an ammeter switch with the output being determined by the switch position, for example, line 1. Available in panel mount style with a wide variety of control knobs to suit every application.

Switch Body - Panel Mount 1 Pole

To be used with Switch Handle Code 875

Function



LE 2-12-8751

AC-21a (A@690V)	AC-22a (A@220-500V)	AC-23a 1ph (kW@220-240V)	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	12	1.3	4	1/3	42 x 42 x 64		LE 2-12-8751	151.00
25	25	3.2	11	1/3	55 x 55 x 69.5		LE 2-25-8751	365.00

Control Knobs

To be used with Switch Body Code 875

Knob Code	Engraving	Mounting	H x W (mm)	Item Type	Catalogue No.	\$AU
A	0 - 1 - 2 - 3	Screw Fixing	48 x 48	K	LFS2-A-4875	24.00
A	0 - 1 - 2 - 3	22.5mm Mounting	48 x 48	K	LFC2-A-4875	36.00



LFS2-A-4875

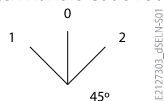
Reversing and 2 Speed Switches

L2 reversing switches provide an efficient method for auxiliary control of devices with forward and reverse directions. Available in panel and base mount style with a wide variety of control knobs to suit every application.

Switch Body - Panel Mount Reversing Three-Phase

To be used with Switch Handle Code 730

Function



AC-21a (A@690V)	AC-22a (A@220-500V)	AC-23a 3ph (kW@380-440V)	Poles/Wafers	H x W x D (mm)	Item Type	Catalogue No.	\$AU
12	12	4	3/3	42 x 42 x 64	I	LE 2-12-7303	168.00
25		11	3/3	55 x 55 x 69.5		LE 2-25-7303	310.00



LE 2-12-7303

Control Knobs - Reversing and 2 Speed Switch

To be used with Switch Body Code 730

Knob Code	Engraving	Mounting	H x W (mm)	Item Type	Catalogue No.	\$AU
A	Fwd - 0 - Rev	Screw Fixing	48 x 48	K	LFS2-A-4730R	24.00
A	Fwd - 0 - Rev	22.5mm Mounting	48 x 48	K	LFC2-A-4730R	36.00
E	Fwd - 0 - Rev	Screw Fixing	48 x 48	K	LFS2-E-4730R	42.00

Control Switches for Modular Distribution Panel

For use in standard distribution boards - depth = 49 mm, rating - 12 A. DIN type switches are supplied complete with knob and engraved escutcheon.

Item Description	Item Type	Catalogue No.	\$AU
Switch Complete 1P Off-On Mod Distribution		LA 2-12-1751/Q	142.00
Switch Complete 1P Changeover M-O-A Mod Distribution		LA 2-12-UNI-COS	153.00
Switch Complete Lighting Test Mod Distribution	K	LA 2-UNIEMLT5	156.00
Switch Complete 1P Changeover Mod Distribution		LA 2-12-3251/Q	184.00



LA 2-12-1751/Q

10

Legends for L2 Control Switches

A large range of standard legends is available for the L2 range of control switches in order to personalise each switch and ensure the correct information is available to the operator in every application.



LL 2-A-4-350S

Item Description	Item Type	Catalogue No.	\$AU
Legend Plate 48X48mm Blank		LL 2-A-4-000	8.45
Legend Plate 48X48mm Off-On, On at 0 deg Off at - 90 deg		LL 2-A-4-175I	8.45
Legend Plate 48X48mm Off-On, On at 90 deg Off at 0 deg		LL 2-A-4-178 I	8.45
Legend Plate 48X48mm 1-2 30 deg	I	LL 2-A-4-225	8.45
Legend Plate 48X48mm 1-2 60 deg		LL 2-A-4-250	8.45
Legend Plate 48X48mm M-O-A		LL 2-A-4-325	8.45
Legend Plate 48X48mm 1-0-2		LL 2-A-4-350	8.45
Legend Plate 48X48mm Man-O-Auto 60Dg		LL 2-A-4-350R	8.45
Legend Plate 48X48mm Loc-Off-Rem	I	LL 2-A-4-350S	8.45
Legend Plate 48X48mm 1-0-2	I	LL 2-A-4-375	8.45
Legend Plate 48X48mm 1-2-3	I	LL 2-A-4-425	8.45
Legend Plate 48X48mm 1-2-3-4-5-6	I	LL 2-A-4-428	8.45
Legend Plate 48X48mm 0-1-2-3		LL 2-A-4-526	8.45
Legend Plate 48X48mm 0-1-2-3-4		LL 2-A-4-527	8.45
Legend Plate 48X48mm 0-1-2-3-4-5	I	LL 2-A-4-528	8.45
Legend Plate 48X48mm 0-1-2-3-4-5-6	I	LL 2-A-4-529	8.45
Legend Plate 48X48mm Star-Delta	I	LL 2-A-4725	8.45
Legend Plate 48X48mm 0/L1-L2/N		LL 2-A-4-825A	8.45
Legend Plate 48X48mm 0/L1-L2/L2-L3		LL 2-A-4-827A	8.45
Legend Plate 48X48mm 0-1-2-3		LL 2-A-4-875	8.45
Legend Plate 48X48mm Start-Stop	I	LL 2-A-4-925	8.45
Legend Plate 48X48mm Yellow Blank	I	LL 2-I-4-000	8.45
Legend Plate 48X48mm Man-Auto		LL 2-A-4-250R	8.70
Legend Plate 64X64mm Off-On	I	LL 2-A-6-175I	11.00
Legend Plate 64X64mm 1-0-2	I	LL 2-A-6-375	11.00
Legend Cover Plate Emerg L/Swrnt		LL 2-P4-925ELS	15.00
Legend Plate Din 45X54mm Blank		LL 2-P-4-000	17.00
Legend Plate 48X48mm Man-Auto	A	LL 2-A-4-225R	29.00
Legend Plate 48X48mm Fwd-Off-Rev		LL 2-A-4-730R	29.00
Legend Plate 48X48mm Yellow Off-On		LL 2-I-4-178 I	29.00

Accessories for Control and Cam Switches

Escutcheon and Knob without Legend Plate



LFS2-A-4-001

Item Description	Item Type	Catalogue No.	\$AU
Knob Standard 48X48mm Screw Mount		LFS2-A-4-001	15.00
Standard Knob 48X48mm 22.5mm Mount Central Nut		LFC2-A-4-001	31.00
Knob Padlockable 48X48mm 22.5mm Mount Central Nut		LFC2-E-4-001	33.00
Knob Padlockable 48X48mm Screw Mount		LFS 2-E-4-001	34.00
Red Knob Yellow Legend Plate Padlockable 48X48mm Screw Mount		LFS 2-L-4-001	44.00
Red Knob Yellow Legend Plate Padlockable 48X48 22.5mm Mount Central Nut	I	LFC2-L-4-001	45.00

Noryl Enclosure



LA 2-G 3578

Item Description	Item Type	Catalogue No.	\$AU
Noryl Enclosure Blank Lid 95X150X86mm	I	LA 2-G 3578	182.00

Noryl Enclosure Accessories



L 2-G3667

Item Description	Item Type	Catalogue No.	\$AU
Blank Clip On Name Plates For Actuators	I	L 2-G3667	11.00

Rotary Cam Switch - Metal Shaft Extension Component

Item Description	Item Type	Catalogue No.	\$AU
Insert To Modify Metal Shaft To Switch Position Red	I	LA 2-G-3398	7.25
Insert To Modify Metal Shaft To Switch Any Position White		LA 2-G-3399	7.80
Metal Shaft Short Yellow 235mm long		LA 2-G-3393	69.00
Metal Shaft Long Yellow 350mm long		LA 2-G-3394	91.00



LA 2-G-3394

Rotary Cam Switch - Modular Shaft Extension Component

Item Description	Item Type	Catalogue No.	\$AU
Shaft Extension Standard 44mm		LA 2-G-2830	6.10
Shaft Extension Standard 52mm	I	LA 2-G-3194	9.35
Shaft Extension Standard 57mm		LA 2-G-3195	9.35
Shaft Extension including Coupling 24mm		LA 2-G-2853	17.00



LA 2-G-3194