L7 Switch Accessories

Accessory	Description	Catalog Number	Pkg Qty
 (Reducer included)	**End Shaft** - for LE switch ❷ • Replacement 44mm shaft supplied standard with all switches		
	Plastic Metal	**L2-G3380** **L7-G3688** ❶	5
	**Terminal cover** - 3 pole LE/LA7-16 LE/LA7-25/32 LE/LA7-40/63 LE/LA7-80/100	 **L7-16-C3** **L7-25-C3** **L7-40-C3** **L7-80-C3**	2
	**Terminal cover - 3 & 4th pole** LE/LA7-25/32 LE/LA7-40/63 LE/LA7-80/100	 **L7-25-C4** **L7-40-C4** **L7-80-C4**	4
	**6 Pole Mechanical Coupling** - ❷❸ joins two L7 switches (front or base mount) to form a 6 pole switch (includes 44 mm metal End Shafts for both LE and LA switch)		
	LE7-16 LE/LA7-25 & 32 LE/LA7-40 & 63 LE/LA7-80 & 100	**L7-G3821** **L7-G3660** **L7-G3661** **L7-G3662**	1 1 1 1
	**Handle Assembly Wrench** Used for tightening LA7-S-_ handles during assembly	**LA7-N245**	1

❶ LE7-40...100 3-pole switches and LE7-16...100 6-pole/Changeover switches come standard with a 44mm **metal** End Shaft. LE7-16...32 3-pole switches come standard with a 44mm **plastic** End Shaft.

❷ When using mechanical coupler to join two LE7 or LA7 three pole switches, terminal markings will be: 

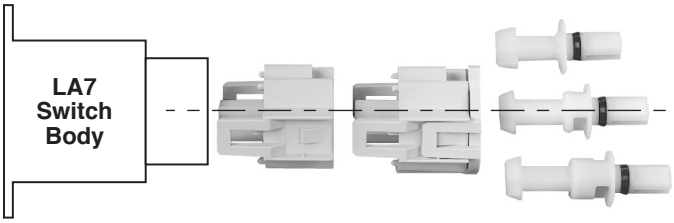
To obtain terminal markings 

order six pole switch from pages L1:5 and L1:7. Coupling for changeover switch is not available.

❸ Mechanical couplings applied to all LE7 front mount switches must use LFS2- 48x48 or 64x64 type handles. 6-Pole Mechanical Couplings are not designed for use with LFS2- 88x88 or 90x90 type hanldes. Mechanical couplings applied to all LA7 base mount switches may use all types of LFS2 handles where applicable.

Modular shaft extension system

Shaft Extension Modules are ideal for lengthening the shaft of an LA7 switch up to 144mm (≈5.5"). These rugged polycarbonate modules are 24mm (≈15/16") long and snap on "piggyback" to one another without the use of tools. Strong center shafts interlock as each module is snapped together. The standard 44mm End Shaft supplied with every LA7 switch connects the last Extension Module with the Switch Handle Assembly. End Shafts of 52 and 57mm are also available, making this modular system versatile, fast and economical. Shaft Extension Modules are supplied two per package.

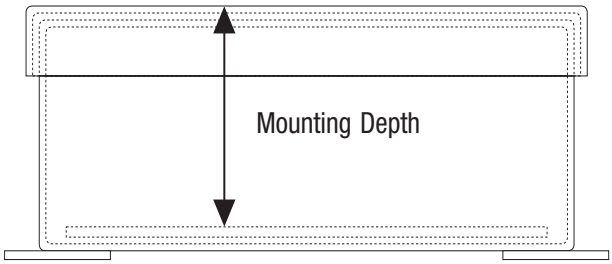


Modular Shaft Extension Components ❸

Component	Description	Catalog Number	Pkg Qty
	**44mm End Shaft** - one 44mm shaft supplied standard with all switches Plastic shaft Metal shaft	 **LA2-G2830** **L7-G3687** ❷	 5 5
	**52mm End Shaft** - Plastic shaft Metal shaft	 **LA2-G3194** **L7-G3707** ❷	 5
	**57mm End Shaft** - Plastic shaft	 **LA2-G3195**	 5
	**Extension Modules** - Two per package (priced per package)	**LA2-G2853**	2

Determining modular shaft extension components

- **Determine Mounting Depth. This is the distance from the inside mounting surface of the enclosure to the *outside surface* of the enclosure cover. See diagram below for details. ❶**



- If necessary convert Mounting Depth inches to millimeters (inches x 25.4 = millimeters).

NOTE: Table is based on a standard 3 or 4 pole switch body. For 6 pole switches, *deduct 25mm* from the overall Mounting Depth before referring to table.

- In the Modular Shaft Extension Table to the right, find the Mounting Depth in the column under the appropriate LA7 Switch Body.
- Order the End Shaft and number of Extension Modules required for that Mounting Depth.

Modular Shaft Extension Table

Number of Extension Modules	Required End Shaft	Mounting Depth (mm) ❶			
		Switch Body LA7-16	Switch Body LA7-25/32	Switch Body LA7-40/63	Switch Body LA7-80/100
0	44mm ❷	57.5-63.5	66.5-72.5	79.5-84.5	96-102
0	52mm	65-73	74-82	81.5-94	98-111.5
0	57mm	70-78	79-87	86.5-99	103-116.5
1	44mm ❷	81.5-87.5	90.5-96.5	103.5-109.5	120-126
1	52mm	83.5-97	92.5-106	105.5-119	122-135.5
1	57mm	88.5-102	97.5-111	110.5-124	127-140.5
2	44mm ❷	105.5-111.5	114.5-120.5	127.5-133.5	144-150
2	52mm	107.5-121	116.5-130	129.5-143	146-159.5
2	57mm	112.5-126	121.5-135	134.5-148	151-164.5
3	44mm ❷	129.5-135.5	138.5-144.5	151.5-157.5	168-174
3	52mm	131.5-145	140.5-154	153.5-167	170-183.5
3	57mm	136.5-150	145.5-159	158.5-172	175-188.5
4	44mm ❷	153.5-159.5	162.5-168.5	175.5-181.5	192-198
4	52mm	155.5-169	164.5-178	177.5-191	194-207.5
4	57mm	160.5-174	169.5-183	182.5-196	199-212.5
5	44mm ❷	177.5-183.5	186.5-192.5	199.5-205.5	216-222
5	52mm	179.5-193	188.5-202	201.5-215	218-231.5
5	57mm	184.5-198	193.5-207	206.5-220	223-236.5
6	44mm ❷	201.5-207.5	210.5-216.5	223.5-229.5	240-246
6	52mm	203.5-217	212.5-226	225.5-239	242-255.5
6	57mm	208.5-222	217.5-231	230.5-244	247-260.5

❶ For DIN rail mounted devices, remember to deduct the offset distance provided by the rail. For example, deduct 2.5mm from the Mounting Depth for switch bodies mounted on DIN 46277 rail.
❷ LA7-40...100 3-pole switches and LA7-16...100 6-pole/Changeover switches come standard with a 44mm **metal** End Shaft. LA7-16...32 3-pole switches come standard with a 44mm **plastic** End Shaft.
❸ Order replacement End Shafts for LE (front mount switches) from page L1:11.