

**FACT SHEET - Dimensional errors in sample socket covers (compared to BS 1363)**

	"Earth" Pin	"Earth" Pin	"L/N" Pin	"L/N" Pin	"L/N" Pin	Tip	Pop Out
	Length mm	Cross Section mm	Length mm	Cross Section mm	pin/periphery	Profile	Yes/No
Standard Dimensions:	22.23 - 23.23	3.90-4.05 x 7.80-8.05	17.2 - 18.2	3.90-4.05 x 6.22-6.48	9.5 mm		
<b>SUPPLIER or BRAND</b>					Note 1	Note 2	Note 3

	"Earth" Pin Length mm	"Earth" Pin Cross Section mm	"L/N" Pin Length mm	"L/N" Pin Cross Section mm	"L/N" Pin pin/periphery	Tip Profile	Pop Out Yes/No	
Boots	21.2	3.95 x 8.1	16.4	3.95 x 6.4	4.9	Bad	Y	
Clippasafe	21.6	3.95 x 8.1	16.4	3.95 x 6.4	3.7	Bad	Y	
Deanston Electrical	21.4	4.1 x 8.1	16.7	4.1 x 6.3	3.9	Good	N	
Emmay Care	20.72	4.1 x 6.5	13.34	4.1 x 6.5	0	Bad	Y	Note 4
IKEA Original	21.1	4.14 x 8.05	14.1	4.04 x 6.5	0.7	Bad	Y	
IKEA Revised	23.3	4.05 x 8.1	16.3	4.1 x 6.48	1.8	Bad	Y	
John Lewis	21.1	4.0 x 8.05	16.3	4.14 x 6.58	3.2	Bad	Y	
Kiddi Proof	19.8	3.76 x 8.64	14.66	3.76 x 6.08	1.5	Bad	Y	Note 5
Lindam	21.7	3.74 x 7.62*	16.1	3.74 x 6.4	5.0	Bad	Y	*Note 6
Masterplug	23.2	4.12 x 8.05	15.88	4.1 x 6.38	4.8	Bad	Y	
Morrisons	18.32	4.22 x 8.02	14	4.0 x 6.6	3.1	Bad	Y	
Mothercare	21.1	4.1 x 8.05	14.3	4.1 x 6.5	0.8	Bad	Y	
NTA	18.4	4.0 x 8.05	14.9	4.2 x 6.16	10.9	Bad	Y	Note 7
PMS	22.54	4.44 x 8.28	11.5	4.24 x 6.50	9.8	Bad	N/A	Note 8
Red/Grey Electrical	21	4.1 x 8.05	16.7	4.1 x 6.4	3.9	Good	N	
Safe Home	18.42	4.22 x 8.05	14.2	4.12 x 6.6	3.1	Bad	Y	
Safety 1st	22.4	3.94 x 7.88	17.2	3.90 x 6.22	3.6	Bad	N	Note 9
Tesco	18.35	4.04 x 8.05	16.1	4.1 x 6.4	3.7	Bad	N	Note 10

Note 1: This is the distance from any part of the dummy L/N pin to the periphery of the cover plate.

Note 2: Bad means that the tip profile of the dummy earth pin and/or the dummy L/N pins does not comply with BS 1363.

Note 3: Indicates whether "Pop Out" occurs in one or more of our test sockets (pins not properly engaging with contacts).

Note 4: Dummy earth pin too narrow to properly open shutters, dummy L/N pin centres are 0.2 mm below minimum.

Note 5: Oversize dummy earth pin locks in place if inserted upside down, dummy L/N pin centres are 0.7 mm below minimum.

Note 6: Dummy earth pin is bifurcated and compresses when inserted, becoming much too narrow to properly open shutters.

Note 7: Dummy earth pin is grooved, cover plate equipped with finger grips for very easy withdrawal.

Note 8: Dummy L/N pins are too short for any engagement with contacts.

Note 9: Cover plate equipped with finger grips for very easy withdrawal.

Note 10: All pins taper for over half length, dummy L/N pin centres are 1.9 mm below minimum resulting in warped cover and stressed faceplate.