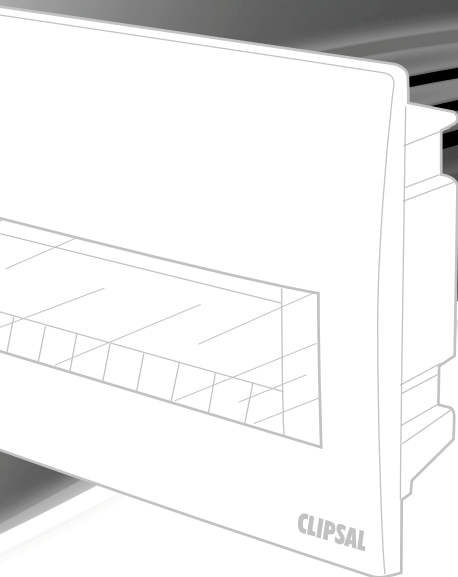


 **CLIPSAL**[®]

by **Schneider** Electric



Consumer Switchboards

4CS & 4FCS

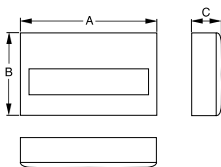
Installation Instructions

Table of Contents

1.0	Dimensions	3
1.1	4CS Series Surface Mounting Consumer Switchboard Dimensions in mm	3
1.2	4FCS Series Flush Mounting Consumer Switchboard Dimensions in mm.....	3
2.0	Mounting	3
2.1	4CS Series Surface Mounting Instructions.....	3
2.2	4FCS Series Flush Mounting Instructions.....	6

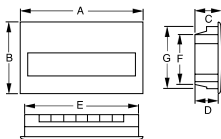
1.0 Dimensions

1.1 4CS Series Surface Mounting Consumer Switchboard Dimensions in mm



	A	B	C
4CS9FD	261	255	97
4CS12FD	315	255	97
4CS18FD	425	255	97
4CS24FD	530	255	97
4CSV24FD	315	471	97

1.2 4FCS Series Flush Mounting Consumer Switchboard Dimensions in mm

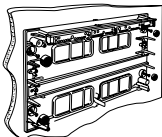


	A	B	C	D	E	F	G
4FCS9FD	255	250	95	75	233	175	216
4FCS12FD	310	250	95	75	276	175	216
4FCS18FD	418	250	95	75	385	175	216
4FCS24FD	525	250	95	75	495	175	216
4FCSV24FD	310	465	95	75	276	390	435

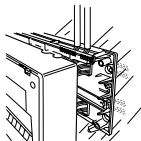
2.0 Mounting

2.1 4CS Series Surface Mounting Instructions

1. Fasten mounting base to wall. Insulating mount plugs are available for installation to non-insulated walls.

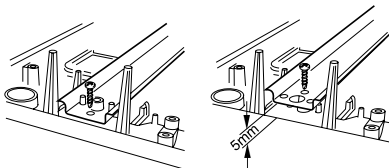
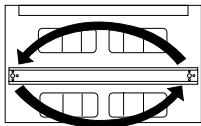


2. Install cabling into switchboard and make close fitting cut-outs as required.

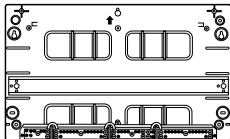
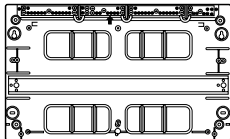


3. Terminate cables.

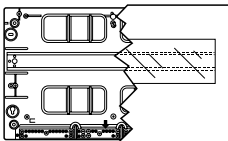
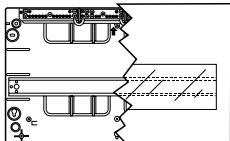
- DIN rail is adjustable for alternative equipment shoulder heights. Remove screws and rotate DIN rail 180°. Replace screws.



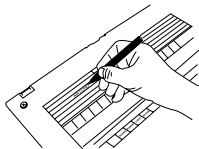
- Neutral and Earth grid can be mounted top or bottom.



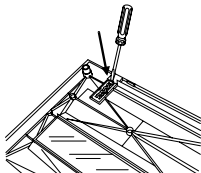
- Switchboard can be rotated 180° degrees.



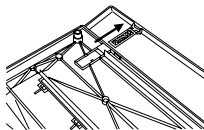
4. Install cover and apply circuit descriptions. An etched area is provided to write on. A black Stabilo OHPen universal permanent marker (fine) is suitable.



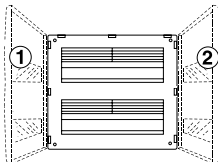
5. To remove hinge push spring catch down.



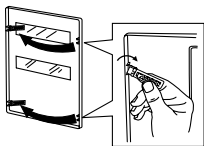
- Slide out hinge.



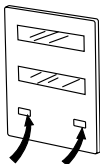
6. 4CSV24FD and 4FCSV24FD can be left or right side hinged.



- Unsnap hinge and reposition opposite side.

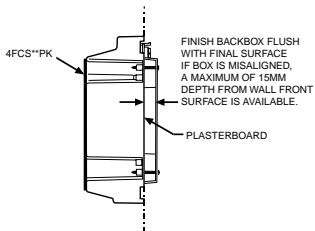
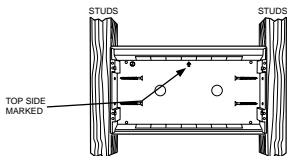


7. Place sticker "OPEN FROM THIS SIDE" to guide correct door opening.

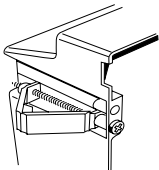


2.2 4FCS Series Flush Mounting Instructions

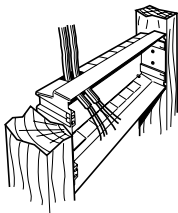
1. Place supporting beams each side of switchboard backbox and fasten in place with pan-head screw. Mechanical protection plate is available 4FCS**PK to rear of backbox.



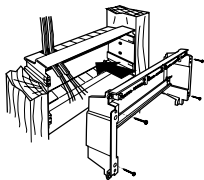
- Alternatively use plasterboard fixing anchors provided. Make close fitting cut-out on sides.



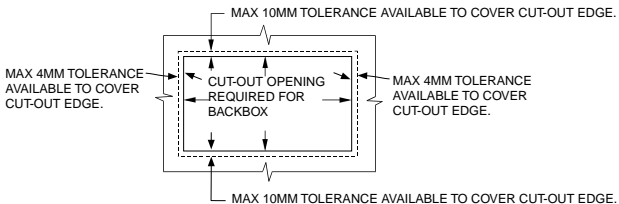
- Install cabling into switchboard and make close fitting cut-outs as required.



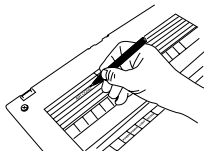
- Drop in DIN sub assembly and fasten up to wall final surface.



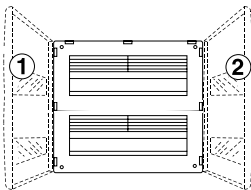
- Nominal surface cut-out opening.



5. Terminate cables. (Refer to details in 'Section 3', of 4CS Series Surface Mounting Instructions for equipment mounting features).
6. Install cover and apply circuit descriptions. An etched area is provided to write on. A black Stabilo OHPen universal permanent marker (fine) is suitable.



7. Hinge factory fitted, however 4CSV24FD and 4FCSV24FD can be side hinged.



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