

# DIN-Based VectorPak™ Subracks



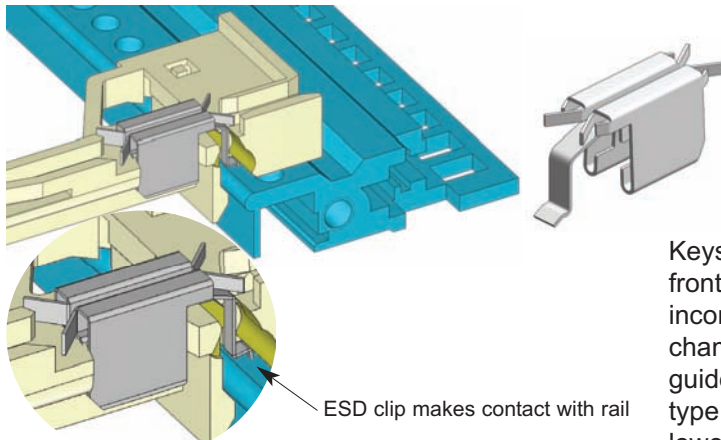
## 4HP Keyable Card Guides IEEE 1101.10



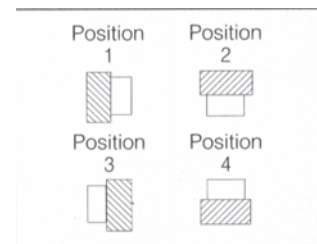
P/N CG3-160 Grey Card Guide

**VectorPak™ CG3-160 polycarbonate card guide for .062" to .090" thickness cards.**

**PCB ESD Contact for CG-3 Card Guides  
P/N CG3-ESD/12**



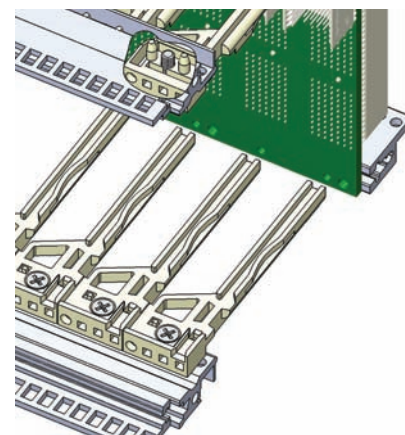
Electrostatic discharge clips (ESD) for VectorPak™ CG3-Series card guides will provide permanent ES discharge of the PCB before contact with connector



DIN  
Subracks

Keys are used for keying plug-in assemblies such as front panels and prevents them from being used in incorrect slots. These keys are installed into the front chambers of VectorPak™ CG3-160 or CG3-220 card guides and matched with an offsetting key inserted into type IV injector/ejector handles. By keying upper and lower card guides, over 4,000 combinations are possible. Available in packs of 25 in red or grey (RAL 7032).

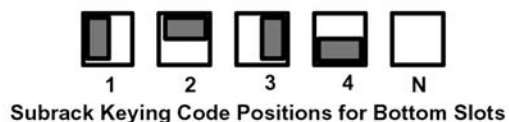
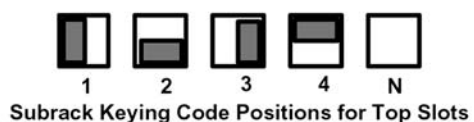
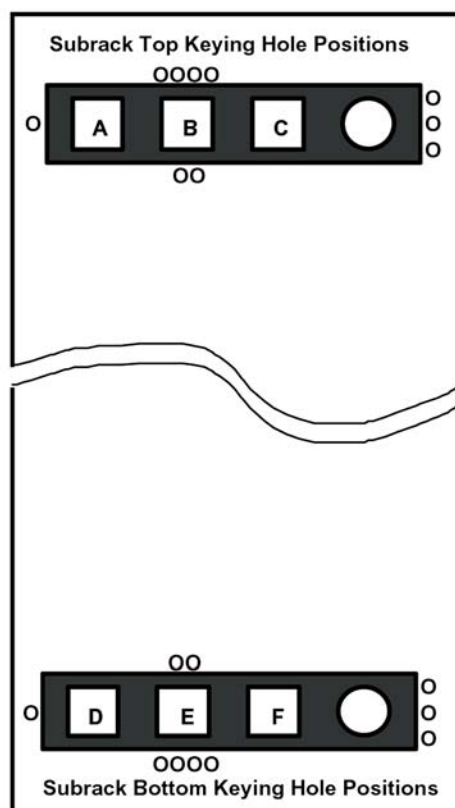
| Part Number | Description                                                                            |       |
|-------------|----------------------------------------------------------------------------------------|-------|
| CG3-80/12   | Card Guide 80mm for rear I/O                                                           | Pk 12 |
| CG3-80E/12  | Same with ESD Clip                                                                     | Pk 12 |
| CG3-160/12  | Card Guide Grey (RAL 7032) 160mm long                                                  | Pk 12 |
| CG3-160R/12 | Card Guide Red 160mm long                                                              | Pk 12 |
| CG3-160E/12 | Card Guide 160mm long - ESD clip                                                       | Pk 12 |
| CG3-220/12  | Card Guide 220mm long                                                                  | Pk 12 |
| CG3-220E/12 | Card Guide 220mm long - ESD clip                                                       | Pk 12 |
| CG3-280/12  | Card Guide 280mm long                                                                  | Pk 12 |
| CG3-ESD/12  | Universal ESD clip (if ordered separately) can be used on CG3-80, 160, 220 card guides | Pk 12 |
| CG3-K01/25  | Grey Keys (RAL 7032)                                                                   | Pk 25 |
| CG3-K02/25  | Red Keys                                                                               | Pk 25 |



P/N CG3-80 Card Guide

80mm rear I/O card guides are designed for use with our standard CG3-ESD clips and are fully keyable. Comes with self-tapping screw for attachment to horizontal rail.

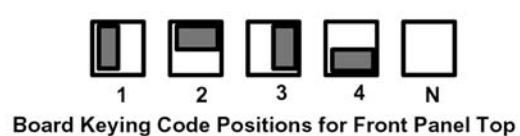
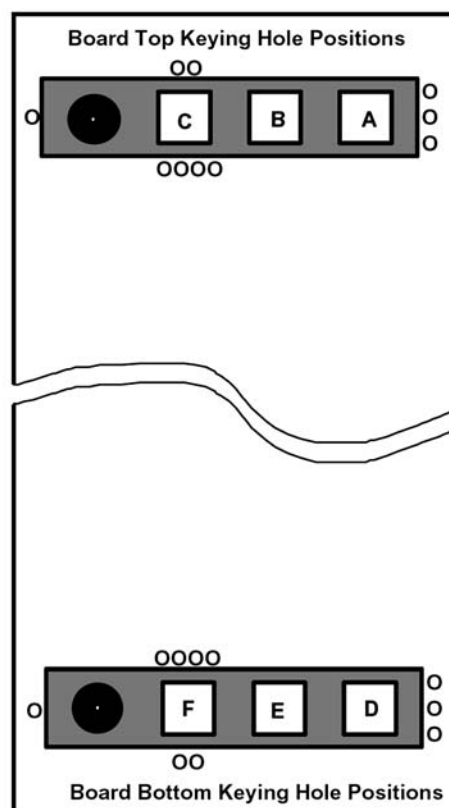




## Front View of Subrack

### Notes:

- (1) 0, 00, 000 and 0000 are the keying code number position of 1, 2, 3 and 4 respectively  
(2)  is a hole in the card guide



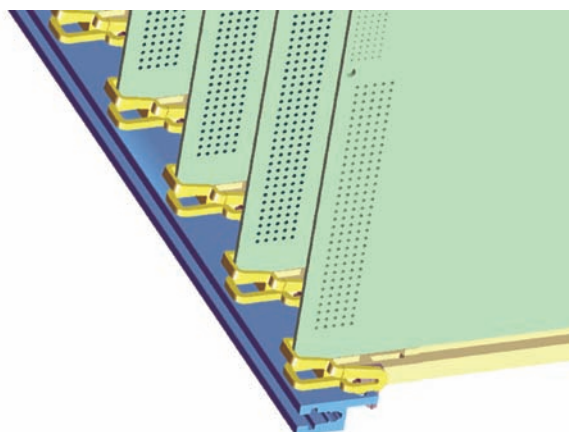
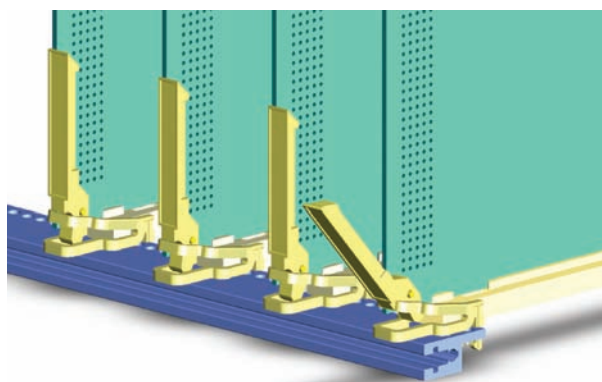
## Rear View of Front Panel

- (3)  is the alignment pin

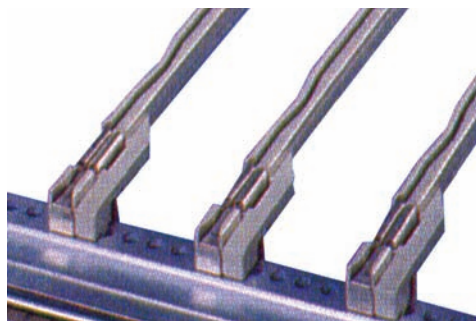
## Accessories

## PCB Retainers and Ejector Levers For Use Without Front Panels

VectorPak™ non-keyed card guides are designed for use with card retainers when front panels are not used. Optional levers attach onto .062" thick cards and release when pulled. Retainers are secured beneath the snap-in card guides and may be used without levers. For use with VectorPak™ CCA46 through CCA52 series subracks. Custom lengths available (contact factory)



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Subracks



- To secure and extract PCBs without front panels
- Optional card ejector levers fasten to .062" thick PCBs
- VectorPak™ non-keyed card guides (shown with optional ESD clips installed)

| P/N.        | Description                                                                                                |
|-------------|------------------------------------------------------------------------------------------------------------|
| CG4-160/12  | Card guides with retainers for 160mm cards, 12 non-keyed guides and 12 retainers                           |
| CG4-220/12  | Card guides with retainers for 220mm cards, 12 non-keyed guides and 12 retainers                           |
| CG3-160S/12 | Card guides only, non-keyed type, pack of 12                                                               |
| CG4-ESD     | ESD clips for CG3-160S non-keyed card guides, pack of 12<br>(ESD clips cannot be used with CG4 retainers)  |
| CG4-RET/12  | Card guide retainers for use with non-keyed guides only                                                    |
| CG4-LEJ/12  | Ejector pull-type lever for retainers, pack of 12 (can be used as lever/pull with all VectorPak™ subracks) |

