Superior Performance *CompactPCI* Handles...
TYPE IVs

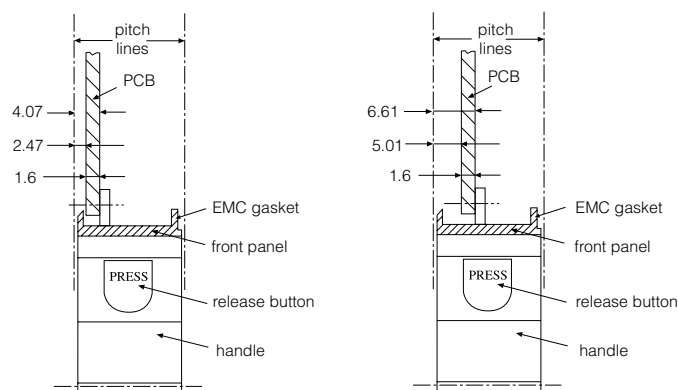For front panels, please reference the Rittal *CompactPCI* catalog (page 21).

Two versions are available:
Version I: A hot swap version with positive locking.
Version II: Features a 0.10" offset for increased component side 2 space.

This new generation of high performance *CompactPCI* Type IV superior handles features a cost effective, indestructible design for long life expectancy. The quality of existing plastic *CPCI* handles depends on the interface of the *CPCI* module handle into the corresponding *CPCI* system, in addition to the perfect handling of the operator. The new generation of *CPCI* superior handles is capable of injecting/extracting 3U, 6U and 9U (two handles for 1190 pins at 180 lbs./815N) *CPCI* modules with almost unlimited injection/extraction cycles. Existing plastic *CPCI* handles are suitable for 3U (one handle for 308 pins at 48 lbs./215N and 6U (two handles for 749 pins at 118 lbs./525N) *CPCI* module injection/extraction cycles, while existing at a limited life expectancy (anything from 50 to 200 maximum cycles). The positive lock function of the Type IVs handles for hot swap allows the user easy functionality: insert the hot swapped module into the system and then push the handle into the lock position. Only at this point is the microswitch activated and the system receives the module.

Version I: Standard PCB position   **Version II: Offset PCB position**

Features and Benefits

- Capability of injecting/extracting 3U, 6U and 9U *CPCI* modules with almost unlimited cycles
- Compliance with *CPCI*, VME64x and VIPA
- Full *CPCI* module front panel I/O space
- Integral PCB attachment
- Keying chambers
- Positive lock for hot swap
- Alignment pin for ESD protection and 30A GND connection (UL recognized)
- Microswitch option
- Labeling option
- Multiple handle tying/ganging pin option

CompactPCI Type IVs Handles				
Version	Color	Position	Packs of	**Part No.**
I	Black	Top	1	**3688617**
I	Black	Bottom	1	**3688618**
II	Black	Top	1	**3688619**
II	Black	Bottom	1	**3688620**

Optional module retention screw	**Part No. 3687051**	100 pcs. (M2.5 x 11)
Optional multiple handle tying/ganging pin	**Part No. 3686935**	1 pc. (min. order qty – 20 pcs.)
Optional PCB mounting screw	**Part No. 3654320**	100 pcs. (M2.5 x 8)
Optional microswitch	See *CompactPCI* catalog page 20	
Microswitch assembly	**Part No. 3686536**	1 assembly
Through-hole mounted PCB header	**Part No. 3686537**	1 pc. (min. order qty – 10 pcs.)
Surface mounted PCB header	**Part No. 3686541**	1 pc. (min. order qty – 10 pcs.)

Configuration

Handle assembled with one front panel mounting screw (M2.5 x 6)
Options:
- Module retention screw
- Microswitch
- Handle tying/ganging pin for double/triple wide modules
- Front panels and front panel service (please inquire)

Material:
Version I: Metal handle insert with plastic cover/snap lock Metal holder
Version II: Metal handle insert with plastic cover/snap lock Metal holder

Color:
Version I: Black with red release button
Version II: Black with red release button