

### Keyable guide rails



#### With 1/2 HP offset

Guide rails with 1/2 HP offset for use in telecom applications. This allows PCBs to be populated on both sides. Green guide rails with offset are prescribed in the CompactPCI specification (PICMG 2.11) for the installation of power supply units.

- For 1.6 – 2.0 mm PCB thickness
- 4 HP x 160/220 mm
- Narrow design for maximum air flow
- Chambers for the installation of keys
- Option of installing ESD contacts to discharge static charges

#### Material:

Polycarbonate, base material to UL 94-V0

#### Note:

Only suitable for use in conjunction with extractor handles type IV, IVs, VII with 1/2 HP offset.

For PCB depth mm	Packs of	Color	Order No.
160	1	grey	<b>3686.137</b>
		yellow	<b>3689.090</b>
		green	<b>3687.832</b>
220	1	grey	<b>3686.136</b>
		yellow	<b>3689.092</b>

#### + Accessories:

Keys, see page 124

ESD contact, see page 123

Extractor handles Type IVs, VII

with 1/2 HP offset, see page 138 – 140

### Keyable guide rails



#### For rear I/O assemblies

Guide rails 4 HP, keyable to IEEE 1101.10. Prepared to accommodate a ground contact for assembly of a plug-type connection.

- For 1.6 – 2.0 mm nominal thickness
- For 80 mm deep PCBs
- Chambers for the installation of keys
- Option of installing ESD contacts to discharge static charges
- Narrow design for maximum air flow
- For CPCI or VME applications

#### Material:

Polycarbonate, base material to UL 94-V0

#### Note:

Only for use in conjunction with type IV, IVs, VII injector/extractor handles.

Color	For PCB depth mm	Packs of	Order No.	
			guide rails	
			top	bottom
grey	80	1	<b>3687.936</b>	<b>3687.937</b>
yellow	80	1	<b>3689.097</b>	<b>3689.098</b>

#### + Accessories:

Keys, see page 124

ESD contact, see page 123

Ground contact, see page 121

Extractor handles type IV, IVs, VII, see pages 138 – 140

### Ground contact



Ensures a plug-in ground connection. UL-approved.

#### Material:

Die-cast zinc

#### Supply includes:

grounding bush and contact spring.

#### Note:

Only suitable for use in conjunction with keyable guide rails for I/O assemblies.

	Order No.	
	1 set	50 set
grounding bush and contact spring	<b>3689.036</b>	<b>3687.951</b>

#### ! Also required:

Assembly screws 3.5 x 12 mm, packs of 50, order no. 3684.109, see page 165

