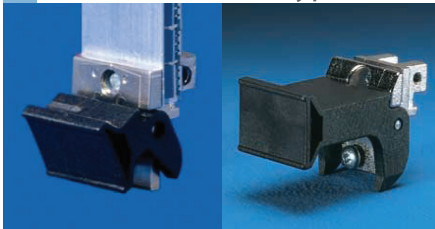


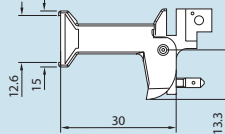
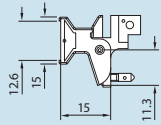
Injector/Extractor Handles, Type I, II, IV, IVs, VII

Extractor Handle Type I And Type II



Type I extractor handle

Type II extractor handle



- Suitable for all flat front panels/U-channel front panels
- With removal function
- May be used in combination with horizontal rails with 10 mm extension

Supply Includes:
1 handle
Assembly parts

Suitable for 3U, 6U applications.

Accessories:
Identification labels Order No. 3684328 ,
packs of 100 (see page 201)

Type I Extractor Handle, 15 mm

Color	Packs of	Order No.
Black	1	3685589*

Type II Extractor Handle, 30 mm

Color	Packs of	Order No.
Black	1	3685590*

*With 3U, only one extractor handle is required at the bottom.

Type IVs Injector/Extractor Handle With Push-button



Injector/extractor handle for the insertion and removal of rack connectors with a large number of pins. A metal insert ensures reliable functioning, even at forces of up to 815 N.

The injector/extractor handles are only for use in conjunction with horizontal rails with a 10 mm extension.

- Push-button for locking and unlocking the board type plug-in unit (cannot be extracted in the locked position)
- Optionally with 1/2HP offset PCB attachment, e.g. for component mounting on both sides
- Optional integral microswitch for "live insertion" applications
- ESD pin to dissipate static charges before connecting the board type plug-in unit
- Keying areas to accommodate keys
- Integral PCB attachment

Material:
Plastic/metal

Supply Includes:
Injector/extractor handle, assembly parts

Self Locking

Installation	Packs of	Order No.
Top	1	3688770
Bottom	1	3688771

With 1/2 HP Offset

Installation	Packs of	Order No.
Top	1	3688772
Bottom	1	3688773

Accessories:
Keys, see page 205
Keyable guide rails, see pages 183-184
Keyable guide rails with offset, see page 184
Microswitch, see page 204

Connection Pin For Injector/Extractor Handles, Types IV/IVs



The connection pin can be used to connect injector/extractor handles, types IV and VII, side by side.

Material:
Steel

Packs of	Order No.
20	3688770

Type VII Injector/Extractor Handle, Plastic (Typically Used For cPCI PSUs)



Injector/extractor handle for insertion and removal of connectors with a large number of pins. This handle was specifically designed for use in telecom applications.

Only for use in conjunction with front horizontal rails with a 10 mm extension (see page 173).

- Optionally with 1/2 HP offset PCB attachment, e.g. for component mounting on both sides
- Minimum space requirements, thanks to fold-up handle
- Option of installing keys (when using keyable guide rails)
- Optional integral microswitch for "live insertion" applications
- ESD pin to dissipate static charges prior to making contact with the connectors and precise positioning of the board type plug-in unit
- Large labeling area on the front
- Optimum leverage for connectors with a large number of pins

Handles Without Offset

Installation	Packs of	Order No.
Top	1	3688784
Bottom	1	3688785

Handles With 1/2HP Offset

Installation	Packs of	Order No.
Top	1	3688780
Bottom	1	3688781

Material:
Plastic

Supply Includes:
injector/extractor handle, assembly parts

Accessories:
Keys, see page 205
Keyable guide rails, see pages 183-184
Keyable guide rails with 1/2HP offset, see page 184
Microswitch, see page 204