nVent | SCHROFF

We connect and protect

High Force 311 Inserter/Extractor

CATALOG NUMBER

HF311-TC

The HF311 Series was designed in accordance with VITA 48.4 and 48.5 to provide up to 20:1 mechanical advantage for insertion and extraction of printed circuit boards with high density connector contacts. The integrated spring provides positive pressure on connectors during Card Lok actuation and consistent self-compensation for board tolerances. The HF311-TC is ideal for 2nd level maintenance; can be operated with a gloved hand and no specialized tools are required.

WARNING: This product can expose you to chemicals including Chromium (hexavalent compounds), which is known to the State of California to cause cancer and reproductive health issue. For more information, go to www.P65Warnings.ca.gov.

FEATURES

- Designed in accordance with VITA 48.4 and 48.5 specifications
- Maintains positive pressure on connectors
- Compliant with 2nd level maintenance; can be operated with a gloved hand, no specialiezed tools are required
- Provides self-compensation for board tolerances
- Integrated latching mechanism
- Custom silkscreen available

PRODUCT ATTRIBUTES

- Product Type: PCB Inserter/Extractor
- With Pin: No
- Material: Aluminum Alloy 6061-T6
- Finish: Hard Black Anodized
- Design Feature: Tolerance Compensating

ADDITIONAL PRODUCT DETAILS

From time to time, nVent may modify its product specifications to be in conformity with applicable industry, military or other relevant standards. Unless otherwise mutually agreed in writing, cancelled or superseded military specifications may be certified to the latest or superseding specifications. Products manufactured in conformity with such specifications will be deemed fully compliant whether or not you have been notified of such modifications, even if different from the original specification or those referenced by the customer.

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

⚠ WARNING: This product can expose you to chemicals including Chromium (hexavalent compounds), which is known to the State of California to cause cancer and reproductive health issue. For more information, go to www.P65Warnings.ca.gov.

North America
All locations
+1.763.422.2661
Chat with us:
nvent.com/schroff

Europe
Straubenhardt, Germany
+49.7082.794.0
Betschdorf, France
+33.3.88.90.64.90
Warsaw, Poland
+48.22.209.98.35
Assago, Italy
+39.02.932.7141
Chat with us:
nvent.com/schroff

Asia
Shanghai, China
+86.21.2412.6943
Qingdao, China
+86.532.8771.6101
Singapore
+65.6768.5800
Shin-Yokohama, Japan
+81.45.476.0271
Chat with us:
nvent.com/schroff

Middle East & India
Dubai, United Arab Emirates
+971.4.378.1700
Bangalore, India
+91.80.6715.2001
Istanbul, Turkey
+90.216.250.7374
Chat with us:
nvent.com/schroff

Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE

©2025 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners. nVent reserves the right to change specifications without notice.

This document is system-generated.