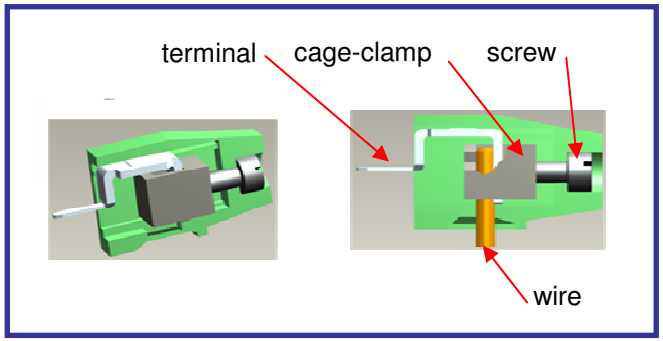
FCI Terminal Blocks

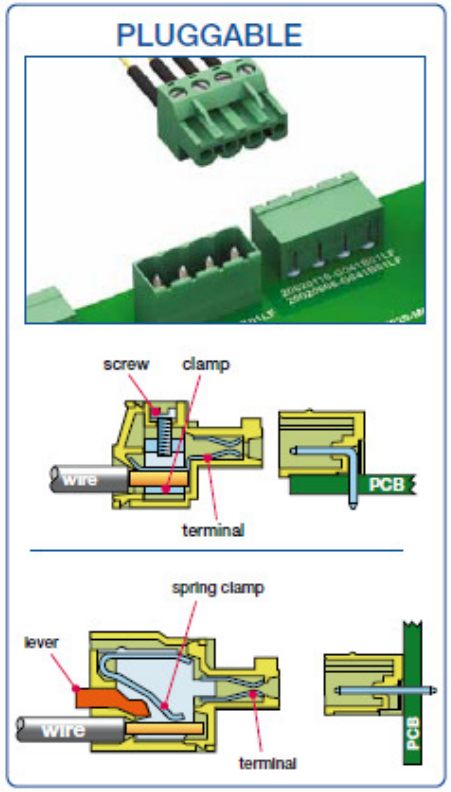
Customer Presentation - November 2011

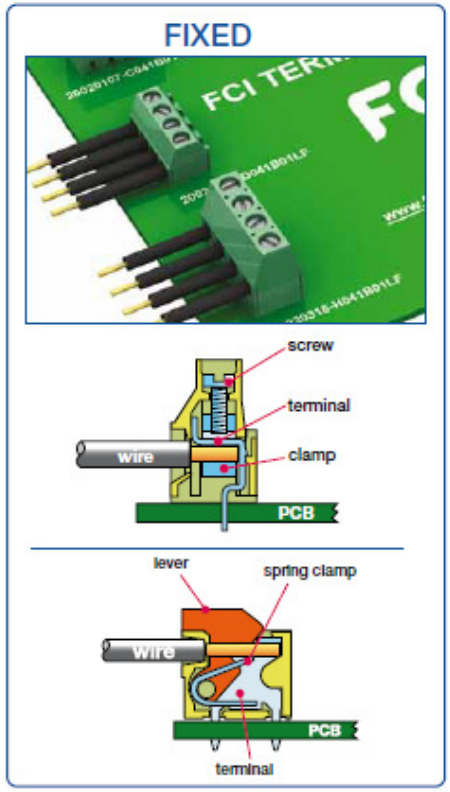
Product line description

- **FCI Terminal Blocks**
  - printed circuit board pluggable and fixed terminal blocks that are ideal for industrial and instrumentation applications
  - Rising-cage-clamp-contact for high demanding applications

- **Terminal Block portfolio**
  - pluggable (plug/socket)
  - fixed PCB
  - accessories





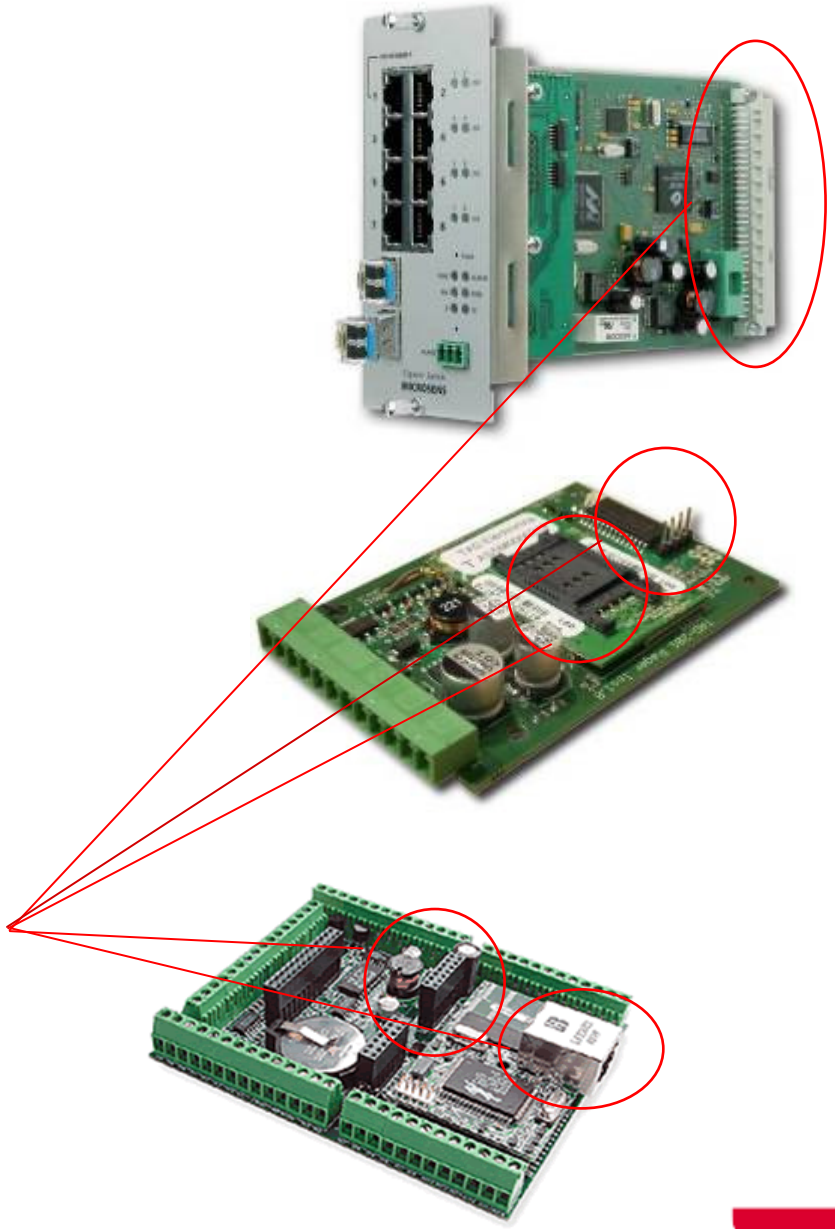


Terminal Blocks

Target applications

- **Target applications**
  - Embedded control units
  - Measurement equipment
  - Medical instrumentation
  - Power supplies
  - Security
  - HVAC
  - Lighting
  - Communication

- **Terminal Blocks**
  - are used in all target applications
  - go hand in hand with other FCI products
    - FCI Basics+
    - D-sub
    - Din 41612
    - PCMCIA
    - Modular Jack
    - and many more ..



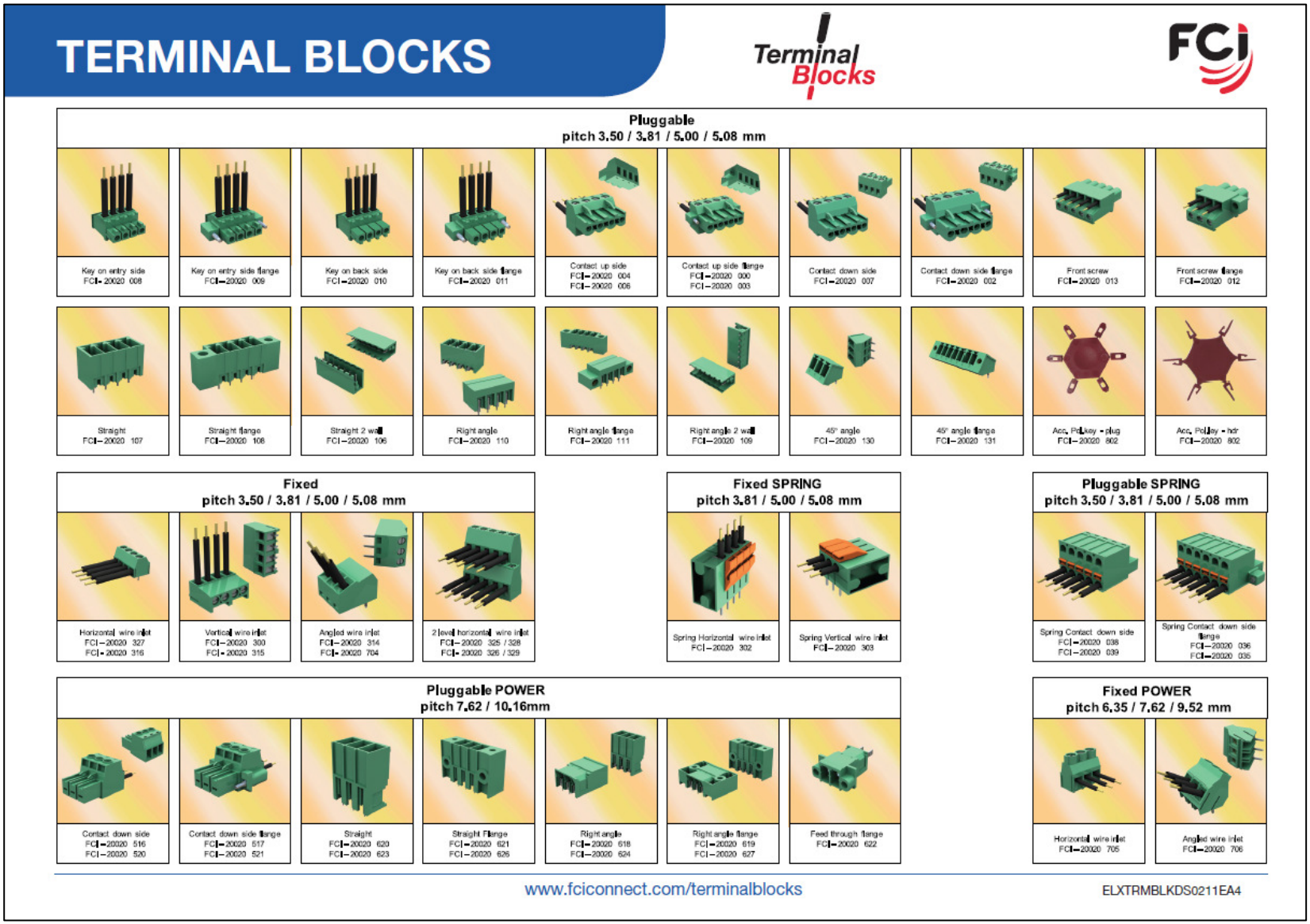
Terminal Blocks

Product features

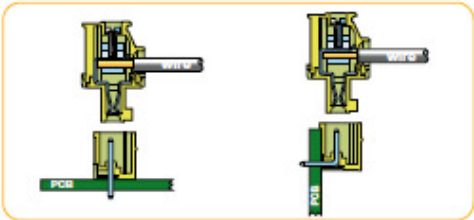
- robust and solid design
- modular system, 2 up to 24 positions
- end-to-end stackable & screw-lock flange option
- pitch-sizes: 3.50/3.81/5.00/5.08/6.35/7.62/9.52/10.16mm/15.00mm
- high performance rising-cage-clamp-contact system and spring-contact system
- signal and power (current rating: 8A up to 125A)
- standard green color (optional: black, blue & grey)
- text/number printing option (on request)
- RoHS compatible
- durability: 200 cycles.
- flammability UL94V-0
- c UL us recognized and IEC / VDE
- CE / TÜV pending

Terminal Blocks

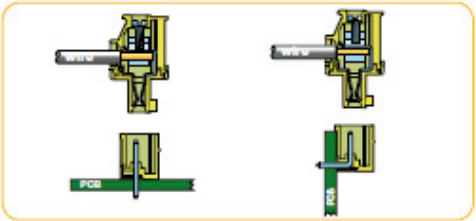
Terminal Blocks - product portfolio 2011



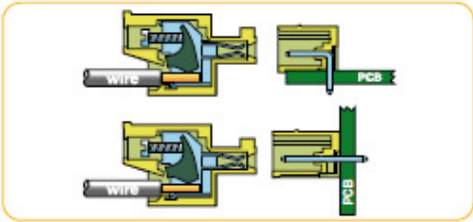
Typical applications – pluggable (screw contact)



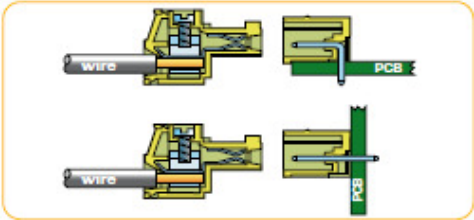
key/hook entry side



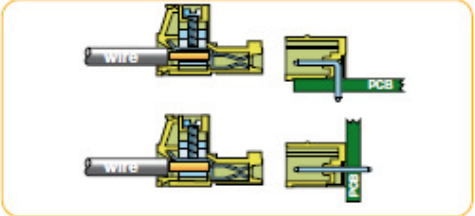
key/hook back side



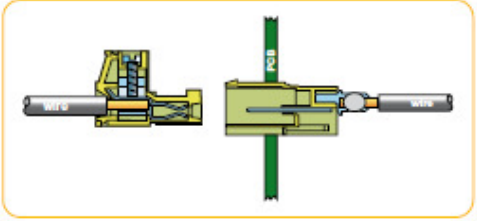
front screw



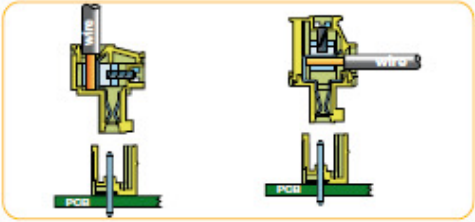
contact up side



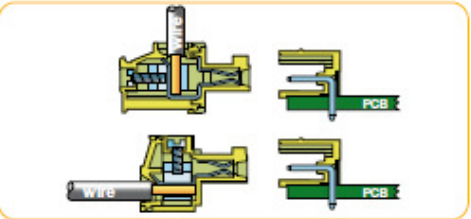
contact down side



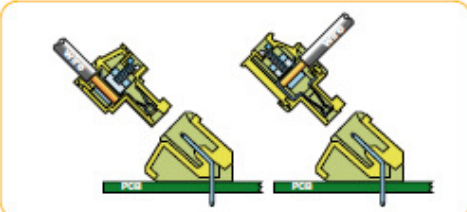
feed through



2 wall straight

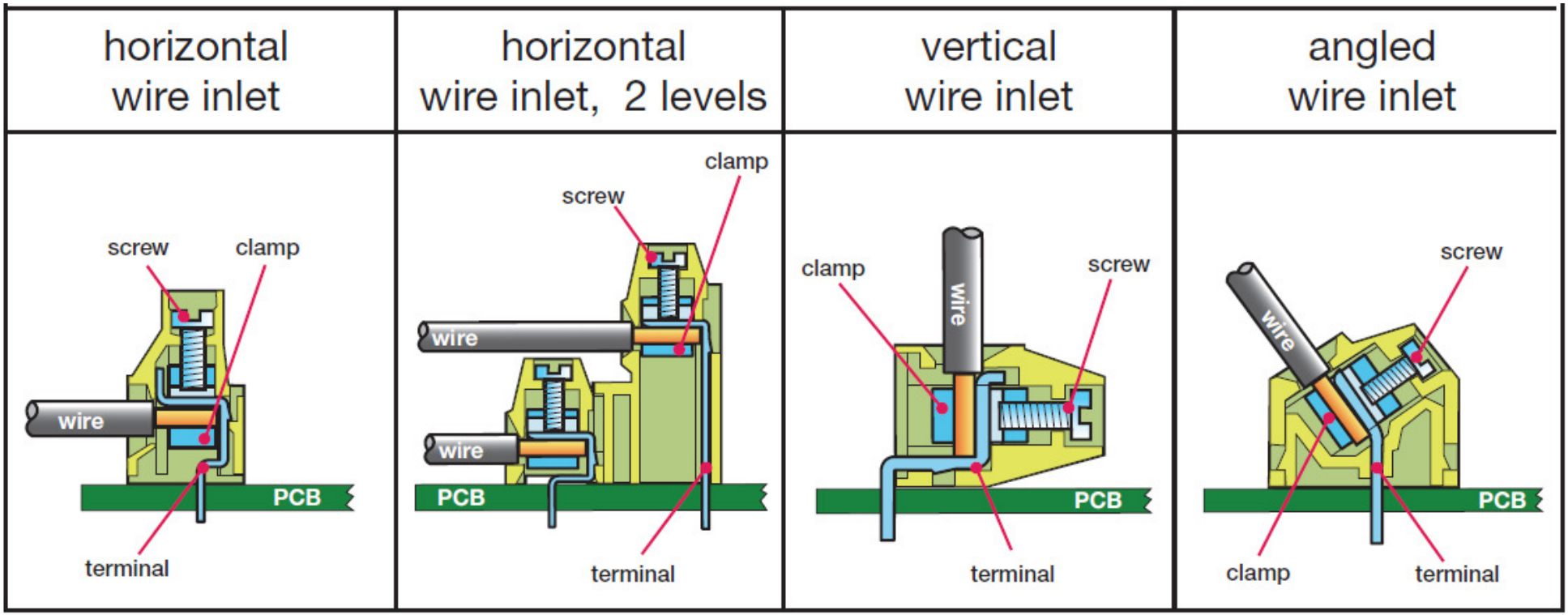


2 wall right angle



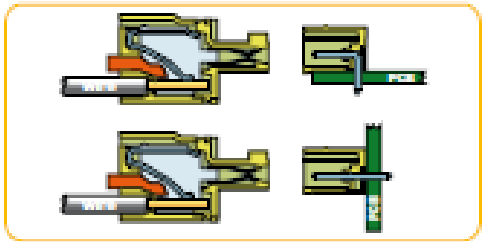
45° angle

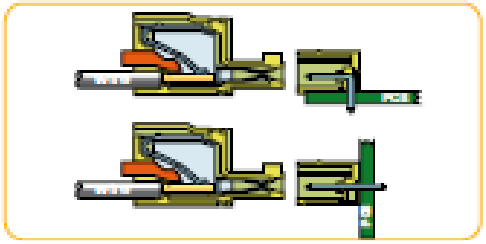
Typical applications – fixed (screw contact)

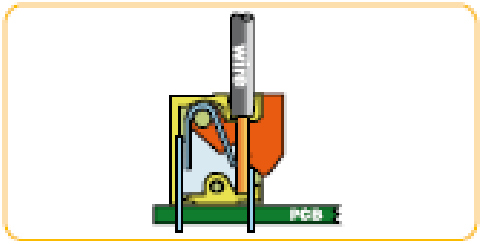


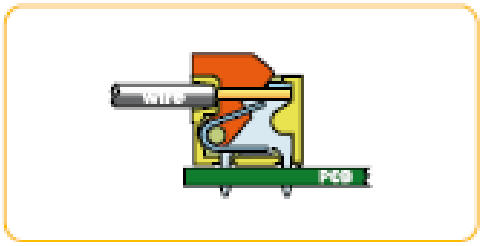
New – FCI spring contact system

- Spring contact
  - Pluggable and Fixed PCB
  - Easy installation
  - Quick insertion

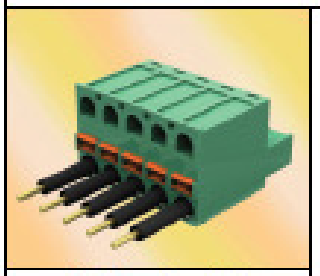




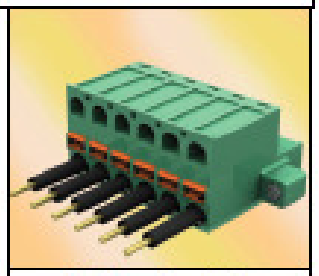




Pluggable SPRING
pitch 3.50 / 3.81 / 5.00 / 5.08 mm

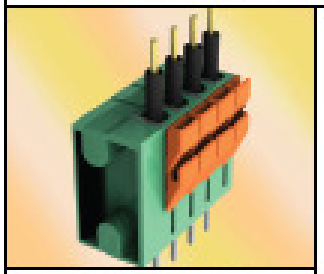


Spring Contact down side
FCI – 20020 038
FCI – 20020 039

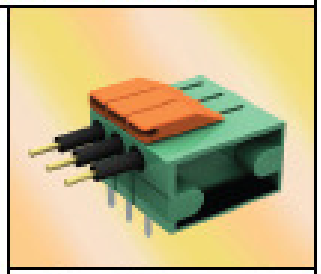


Spring Contact down side flange
FCI – 20020 036
FCI – 20020 035

Fixed SPRING
pitch 3.81 / 5.00 / 5.08 mm



Spring Vertical wire inlet
FCI – 20020 302



Spring Horizontal wire inlet
FCI – 20020 303

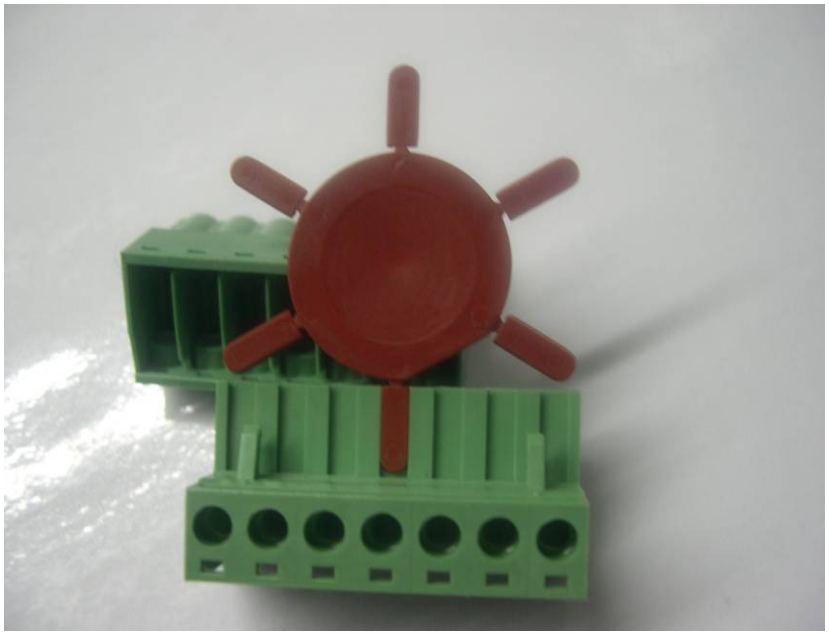
New - FCI high power Fixed PCB

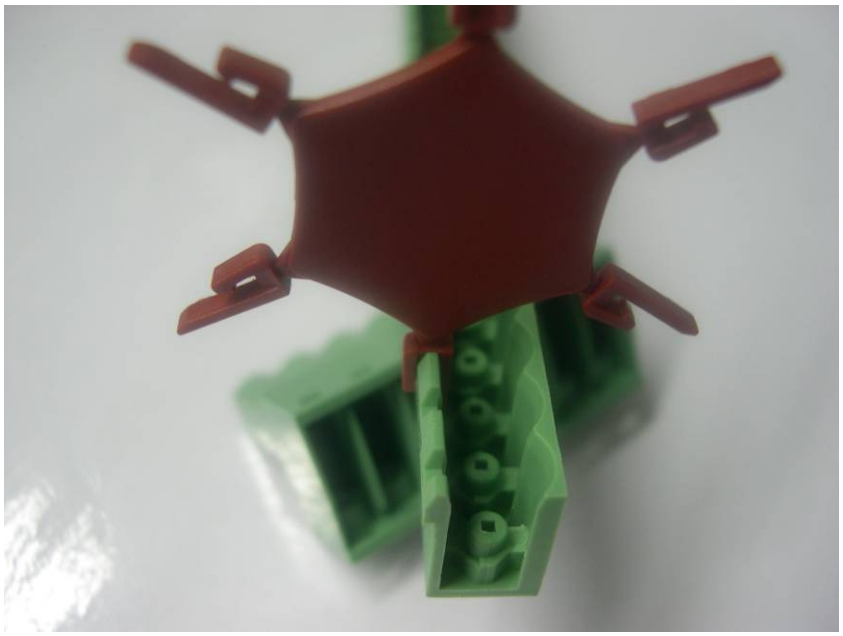
- **High Power PCB Fixed**
  - **Horizontal wire-inlet**
  - **Voltage 600V**
  - **Current rating 30 ~ 125 A**
  - **UL recognized**

FCI base MPN	pitch-size (mm)	current rating (A)	AWG-size
20020 734	9.52	30	8 ~ 20
20020 732	10.16	65	6 ~ 20
20020 731	15.00	125	2 ~ 20

New - accessories

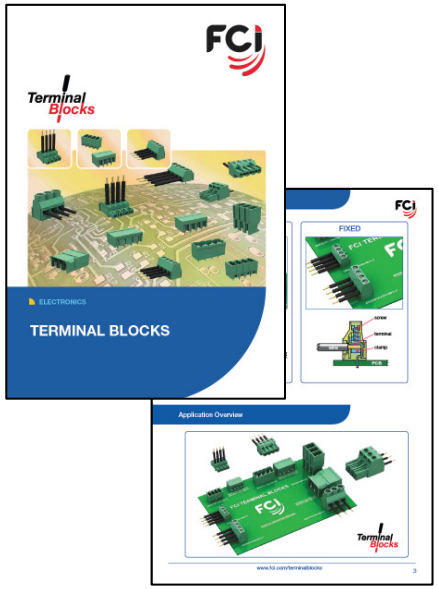
- Coding keys for polarization options

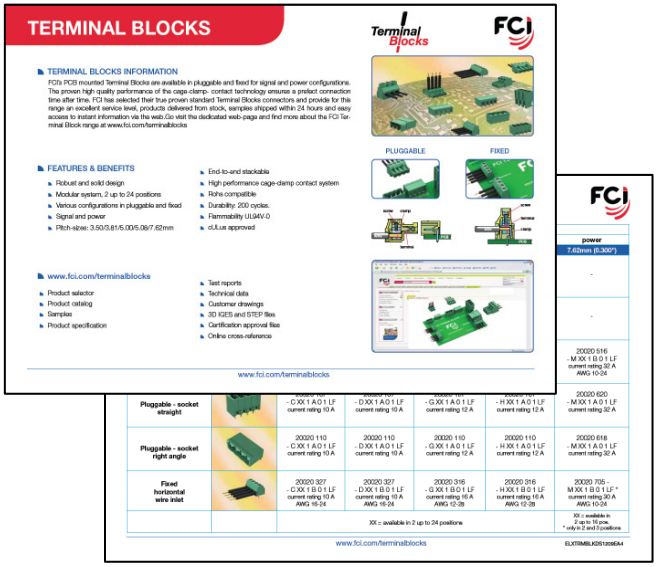


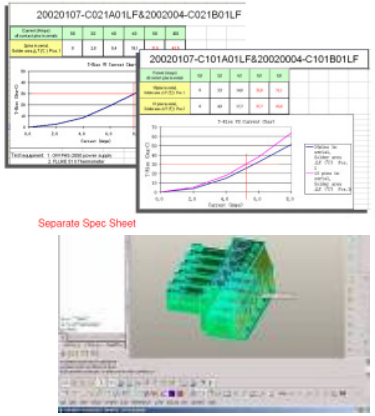


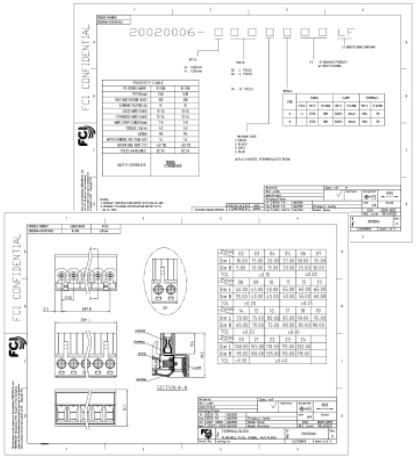
All information at one single entry point …

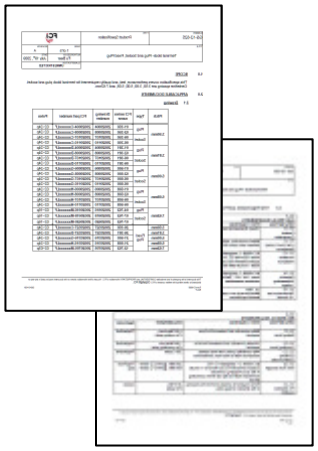
www.fciconnect.com/terminalblocks











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