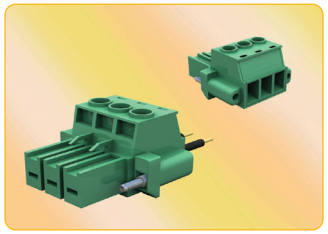
TERMINAL BLOCKS, POWER

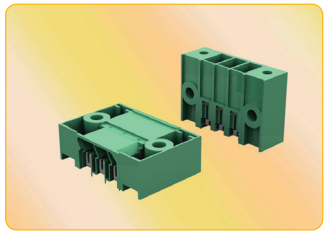
FCI POWER TERMINAL BLOCKS

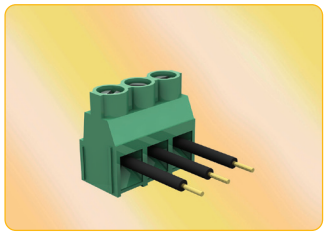
The high power terminal blocks of FCI can be used in high current demanding application and utilize the proven high performance rising-cage-clamp-technology to ensure a perfect connection time after time.

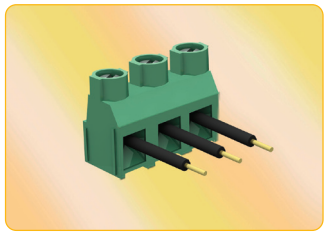
The PCB pluggable series are available in 2 pitch-sizes, 7.62mm and 10.16mm. The current ratings varies from 32A up to 55A. The plug is configured with and without a locking feature.

The PCB sockets are available in straight and right angle also with or without the flange locking feature. The PCB fixed series are available in 2 Voltage levels, 300V or 600V. The 300V series are available in pitch-sizes 6.35mm, 7.62mm and 9.52mm and a current rating of 30A. The 600V series are available in pitch-sizes 9.52mm, 10.16mm and 15.00mm and a current rating of 30A, 76A up to 125A.









FEATURES

- Robust and solid design
- Modular system, 2 up to 16 pos.
- Contact on down side
- Power
- Latching feature, no mis-match
- End-to-end stackable
- High performance Rising-cage-clamp contact system
- c UL us recognized
- Flange screw locking feature

FIXED POWER

PHYSICAL

- Housing: PA66 Thermoplastic resin
- Housing color: Green
- Flammability: UL94V-0
- Terminal material: PhBz, Tin plated
- Clamp material: Brass, Nickel plated
- Screw material: Steel, Zinc plated
- RoHs compatible

MECHANICAL PERFORMANCE

- Durability: 200 cycles

PACKAGING

- Standard: box

PLUGGABLE POWER

PHYSICAL

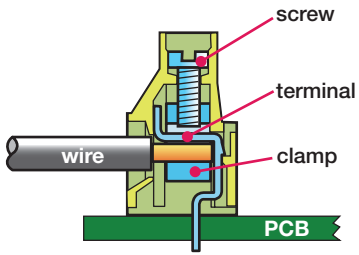
- Housing: PA66 Thermoplastic resin
- Housing color: Green
- Flammability: UL94V-0
- Terminal material: Copper Alloy, Tin plated
- Clamp material: Copper Alloy, Nickel plated
- Screw material: Steel, Zinc plated
- RoHs compatible

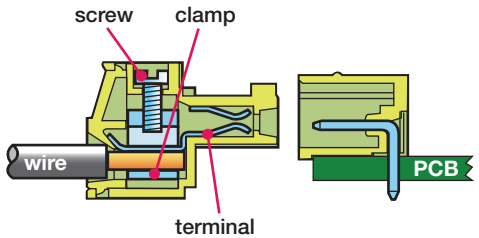
MECHANICAL PERFORMANCE

- Durability: 200 cycles
- Insertion force: 5.5 Newton Max.
- Withdrawal force: 1.0 Newton Min.

PACKAGING

- Standard: box



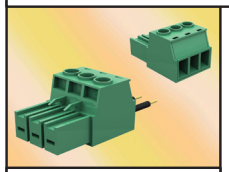


TERMINAL BLOCKS, POWER

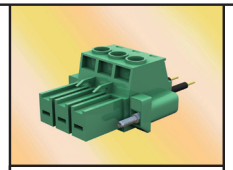
Terminal Blocks

FCI

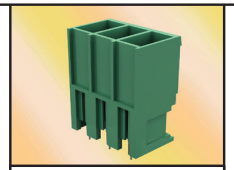
Pluggable POWER
pitch 7.62 / 10.16 mm



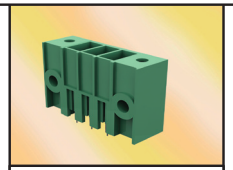
Contact down side
FCI – 20020 516
FCI – 20020 520



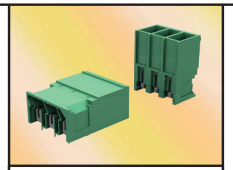
Contact down side flange
FCI – 20020 517
FCI – 20020 521



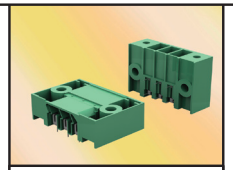
Straight
FCI – 20020 620
FCI – 20020 623



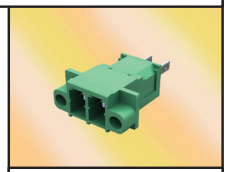
Straight Flange
FCI – 20020 621
FCI – 20020 626



Right angle
FCI – 20020 618
FCI – 20020 624



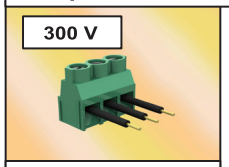
Right angle flange
FCI – 20020 619
FCI – 20020 627



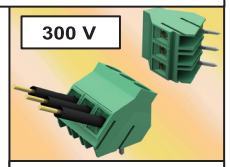
Feed through flange
FCI – 20020 622

MATING MATRIX				PLUGGABLE SOCKET							
				7.62 mm				10.16 mm			
				20020 618	20020 619	20020 620	20020 621	20020 623	20020 624	20020 626	20020 627
PLUGGABLE PLUG	7.62 mm	20020 516	32A	x	x	x	x				
		20020 517		x	x	x	x				
	10.16 mm	20020 520	55A					x	x	x	x
		20020 521					x	x	x	x	x

Fixed POWER 300 Volt
pitch 6.35 / 7.62 / 9.52 mm

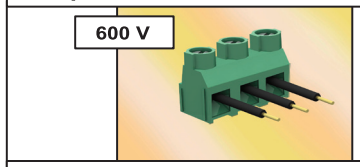


Horizontal wire inlet
FCI – 20020 705



Angled wire inlet
FCI – 20020 706

Fixed POWER 600 Volt
pitch 9.52 / 10.16 / 15.00 mm



Horizontal wire inlet
FCI – 20020 731
FCI – 20020 732
FCI – 20020 734

		300 V			600 V		
		6.35 mm	7.62 mm	9.52 mm	9.52 mm	10.16 mm	15.00 mm
20020 705	30A	x	x	x			
20020 706		x	x	x			
20020 734					x		
20020 732	65A					x	
20020 731	125A						x

PART NUMBER

20020 XXX – Pitch Poles 1 A 01 LF

Base Part Number

Type
A = Header
B = Plug, slotted screw

Pitch
J = 6.35 mm
M = 7.62 mm
S = 9.52 mm
U = 10.16 mm
Y = 15.00 mm

Poles
02 = 2 poles
03 = 3 poles
04 = 4 poles
↓
16 = 16 poles