

wiecon Type 8191 FK

PC board terminal in rising cage clamp technology

Characteristics

- Conductors connected using rising cage clamp principle
- For solid and fine-stranded wires
- Identical (TOP) direction for operation and connection
- Large clamping body
- Two solder pins per pole
- 2 - 24 pole designs
- Frameless construction
- 5.0 mm spacing
- Color pebble gray (similar to RAL 7032)



Advantages

- Time-saving wiring
- Vibration-proof
- High conductor pull-out forces
- No special tools required

CUSTOMER INFORMATION

Technical data	
wiecon Type 8191 K	
PC board terminal in spring clamp technology	
Frameless construction	
Spacing	5.0 mm
Number of poles	2 - 24 (others on request)
Rated current	16 A
Rated voltage	250 V (DIN EN 60664-1) 300 V (UL, CSA)
Rated peak voltage	4 kV
Wire range	0.08 - 2.5 mm ²
AWG wire range	28 - 12
Pollution degree	3
Material	PA 66
Temperature range	- 40°C – + 100°C
Flammability according to UL 94	V0
Conductor	
– Insulation strip length	5 - 6 mm
Conductor pull-out forces	According to EN
Approvals	UL, CSA



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AT Wieland

Components and system components for the control cabinet

- DIN rail terminal blocks
 - with screw connection
 - with spring clamp connection
 - with IDC connection
- Safety
 - Safety relays
 - Modular safety systems
- Fieldbus components
- Interface
 - Power supplies
 - Overvoltage protection
 - Measuring and monitoring relays
 - Time and switching relays
 - Coupling relays/solid state relays
 - Analog modules
 - Passive interfaces

Components and system components for field applications

- Remote automation
 - Remote power distribution
 - Remote fieldbus interface
 - Industrial multipole connectors
 - Modular multipole connectors
 - High-density multipole connectors
 - High-current multipole connectors
 - Multipole connectors for hazardous areas
 - Bushings for control cabinets
 - D-Sub connectors
 - Round connectors
- Empty housings and appliance connectors/terminal strips

AT Schleicher

- PLC systems and CNC based control systems
- Operator panels
- Application engineering & system solutions
- Customized products

BIT Wieland

- Building installation systems
 - Mains connectors IP20/IP65...IP68
 - Bus connectors
 - Combined connectors
 - Low-voltage connectors
 - Flexible flat cable systems
 - Distribution systems
 - Switching devices for EIB/KNX, LON, Ethernet, radio control
 - DIN rail terminal blocks for electrical installations
 - Overvoltage protection

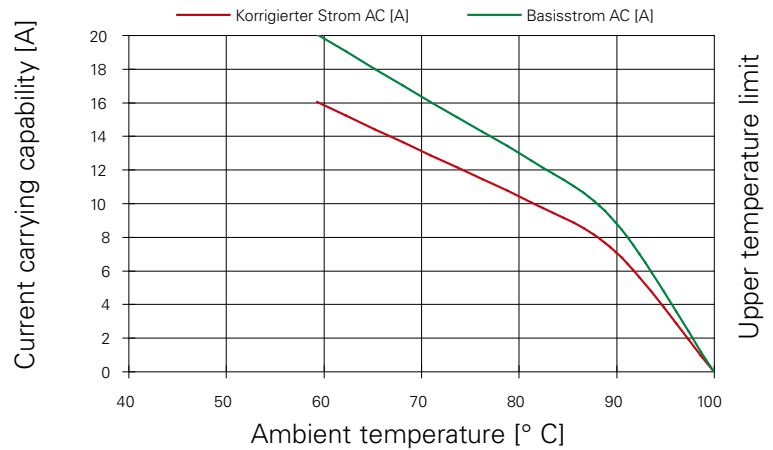
PCB connectors Wieland

- PC board terminals/PC board connectors
 - with screw connection
 - with spring clamp connection
 - with TOP connection

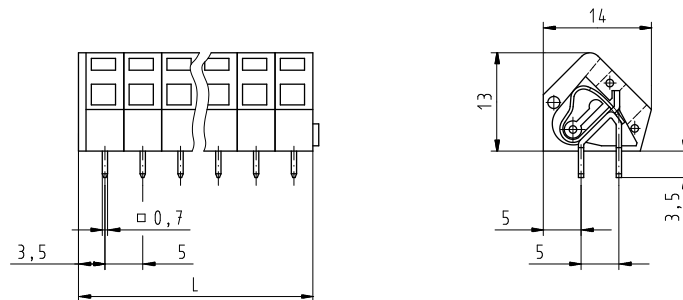
Technical information

Derating

Derating curve according to DIN EN 60512-5-2
(1 tier, 2.5 mm² fine-stranded)



Dimensions



Poles	G [mm]
10	51.0

Type	Part No.	Type	Part no.
8191FK/ 2 OB	27.007.3253.0	8191FK/ 14 OB	27.007.4453.0
8191FK/ 3 OB	27.007.3353.0	8191FK/ 15 OB	27.007.4553.0
8191FK/ 4 OB	27.007.3453.0	8191FK/ 16 OB	27.007.4653.0
8191FK/ 5 OB	27.007.3553.0	8191FK/ 17 OB	27.007.4753.0
8191FK/ 6 OB	27.007.3653.0	8191FK/ 18 OB	27.007.4853.0
8191FK/ 7 OB	27.007.3753.0	8191FK/ 19 OB	27.007.4953.0
8191FK/ 8 OB	27.007.3853.0	8191FK/ 20 OB	27.007.5053.0
8191FK/ 9 OB	27.007.3953.0	8191FK/ 21 OB	27.007.5153.0
8191FK/ 10 OB	27.007.4053.0	8191FK/ 22 OB	27.007.5253.0
8191FK/ 11 OB	27.007.4153.0	8191FK/ 23 OB	27.007.5353.0
8191FK/ 12 OB	27.007.4253.0	8191FK/ 24 OB	27.007.5453.0
8191FK/ 13 OB	27.007.4353.0		