

## IE-SR-2GT-LAN-FN

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

### Product image



### Weidmüller Industrial Security Routers

- Easy integration of subnets with identical IP address ranges through 1: 1 NAT
- Secure and easy remote maintenance with Weidmüller u-link remote access service
- Future-proof network connection with static and dynamic routing
- Increased network security through stateful inspection firewall, IP/Port- forwarding and network segmentation
- Secure communication over the Internet by using IPsec and OpenVPN
- Reliable internet connection, even without on-site internet access, thanks to integrated 4G/LTE cellular modem
- Full flexibility thanks to Fast Ethernet and Gigabit Ethernet interfaces ranging from 2 up to 6 ports.

### General ordering data

Version	Security/NAT Router, Gigabit Ethernet, 2x RJ45 10/100/1000BaseT(X), IP20, -20 °C...70 °C
Order No.	<a href="#">1489940000</a>
Type	IE-SR-2GT-LAN-FN
GTIN (EAN)	4050118299533
Qty.	1 pc(s).
Replacement parts	<a href="#">1347870000</a> <a href="#">1347850000</a>

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## Technical data

### Dimensions and weights

Depth	140 mm	Depth (inches)	5.512 inch
Height	170 mm	Height (inches)	6.693 inch
Width	35 mm	Width (inches)	1.378 inch
Net weight	700 g		

### Temperatures

Storage temperature	-20 °C...85 °C	Operating temperature	-20 °C...70 °C
Humidity	5 - 90 %, no condensation		

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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### Network Services/Firewall/Management

Firewall	IPv4 Stateful Packet Inspection Firewall (incoming/outgoing), NAT masquerading, 1:1 NAT, Port forwarding, layer 2/3 filter (VLAN ID, VLAN QoS Tag, MAC address, EtherType frame), Auto-learning function to create packet filter rules (analysis of network traffic), Layer 2/3-based packet prioritisation (Ethernet Frame, IP Header, VLAN Tag)	Management	Configuration via WEB interface (HHTTP/HTTPS), Language interface can be switched to German or English, Configuration support through detailed help information (tool tip), Configurable multi-user access with freely definable rights, Support for SNMP v1/v2/v3, event log/syslog
Network services	DHCP Server / DHCP Relay, DNS relay, NTP client, DynDNS (DHCP client acc. to RFC 2136)		

### Miscellaneous

Diagnostics	Remote capture function for network diagnostics via a connected PC (Wireshark)	Modbus/TCP	Integral modbus TCP server for status queries
Monitoring	Client monitoring (per ICMP) with alarm function in the event of a fault		

### Modes of operation

IP router	IP routing (IPv4, Layer-3) with SPI firewall (Stateful Packet Inspection)	Transparent bridge	2-port switch with additional layer-2 filter
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### EMC conformity and approvals

EMC standards	FCC Part 15, Class A, EN 61000-6-4, EN 61000-6-2	Safety standard	UL508
Shock	according to IEC 60068-2-27	Vibration	according to IEC 60068-2-6

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**Technical data****Environmental conditions**

Humidity	5 - 90 %, no condensation	Operating temperature, max.	70 °C
Operating temperature, min.	-20 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-20 °C		

**Guarantee**

Time interval	3 years
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**Interfaces**

Digital inputs	Cut: physically disconnects (Link Down) the WAN port (24 V in)	Digital outputs	Alarm: indicates a configurable network state or fault (24 V out)
Function reset button	Restoration of factory settings	LED indicator	Indication of voltage status, Status, CUT, Alarm, Active VPN connection, Port LED: Link/ACT, Speed (RJ45 port)
Number of SCM-Card slots	1	Number of ports	2x RJ45 10/100/1000BaseT(X)
RJ45 ports	10/100/1000BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port	SCM-Card slot type	Smart Card (ID-000 format), Save and restore the configuration using smart card (memory chip)
USB port	USB 2.0 interface for firmware update or restoration of the device configuration via USB flash drive		

**MTBF**

MTBF	Operating time (hours), min.	135,270 h
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**Power supply**

Current consumption	Voltage	24 V
	Current	0.6 A
Voltage supply	24 V DC, 1 single input, NEC class 2, (for use in conformity with UL specifications: 7 - 30 V DC)	
Voltage supply range	Voltage type	DC
	Voltage, min.	7 V
	Voltage, max.	36 V

**Technical data**

Housing main material	diecast aluminium	Protection degree	IP20
Speed	Gigabit Ethernet	Type of mounting	DIN rail, VESA 75

**Classifications**

ETIM 6.0	EC001478	ETIM 7.0	EC001478
ETIM 8.0	EC001478	ECLASS 9.0	19-17-01-03
ECLASS 9.1	19-17-01-03	ECLASS 10.0	19-17-04-05
ECLASS 11.0	19-17-04-05		

**Data sheet**

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**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E141197

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EU Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">Firmware Release Notes</a>
Software	<a href="#">Device description – SNMP MIB file</a> <a href="#">Firmware – Current Firmware</a>
User Documentation	<a href="#">Hardware Installation Guide</a> <a href="#">Manual</a> <a href="#">User Note - Secure Router Configuration</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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## Replacement parts

## BCF 3.81/180F



PUSH IN - Weidmüller's innovative connection system simplifies the wire connection process.

The benefits for users and applications:

- High packaging density due to very low component height. Simply insert the prepared wire - finished
- High component density with the compact SCDN / SCDN-THR two-tier pin header
- Simplified processing due to integrated push buttons for opening the clamping unit
- Intuitive handling – since the wire-entry area and handling area are clearly separated
- tool-free locking and releasing when using Weidmüller's patented release latch (LR)

The Weidmüller plug-in connectors, pitch 3.81 mm (0.15 inch), are compatible with the layout of customary plug-in connectors, can be coded and provide space for printing.

## General ordering data

Type	BCF 3.81/04/180F SN BK ...	Version	Product data	Packaging
Order No.	<a href="#">1347870000</a>	PCB plug-in connector, female plug, 3.81 mm, Number of poles: 4,	IEC: 320 V / 17.5 A / 0.14 - 1.5 mm <sup>2</sup>	Box
GTIN (EAN)	4050118152609	180°, PUSH IN with actuator, Tension-clamp connection, Clamping	UL: 300 V / 10 A / AWG 26 - AWG 16	
Qty.	50 pc(s).	range, max. : 1.5 mm <sup>2</sup> , Box		
Type	BCF 3.81/03/180F SN BK ...	Version	Product data	Packaging
Order No.	<a href="#">1347850000</a>	PCB plug-in connector, female plug, 3.81 mm, Number of poles: 3,	IEC: 320 V / 17.5 A / 0.14 - 1.5 mm <sup>2</sup>	Box
GTIN (EAN)	4050118152517	180°, PUSH IN with actuator, Tension-clamp connection, Clamping	UL: 300 V / 10 A / AWG 26 - AWG 16	
Qty.	50 pc(s).	range, max. : 1.5 mm <sup>2</sup> , Box		