

You want to control your systems more efficiently
We are offering a new dimension of service interfaces FrontCom® Vario
Let's connect.

Industrial data communication





Easy access to the PLC and functional electronics

FrontCom® Vario is setting new standards

Optimum system control and high system productivity ensure that your company remains productive and profitable, in addition to giving you that invaluable competitive edge. Attaching protected service interfaces to the housing walls of your cabinets is a simple, well-proven solution used to effectively boost your system's availability and productivity. You can then grant your technicians quick and safe access to the control elements and functional electronics in the cabinet at any time, conveniently doing so from outside – through the closed cabinet door. This means that you can have a wealth of service work performed during ongoing operation and don't have to wait on specially authorised professionals. At the same time, the risk of misuse or accidents is drastically reduced.

Benefits of modern service interfaces

- Faster work processes
- Production data is read out quickly
- Convenient troubleshooting, error configuration and error programming
- No downtimes caused by having to wait for authorised professionals
- Fewer risks caused by incorrect operation inside the cabinet
- Higher operational reliability and reduced risk of accidents
- Optimised system availability

The new dimension of service interfaces

With FrontCom® Vario, we have developed a service interface that sets new standards. It requires only half the space of conventional service interfaces – and also boasts plenty of intelligent details that mean a multitude of maintenance and optimisation processes can be performed on your systems in a far more efficient manner and thus at a far more affordable price. The FrontCom® Vario is therefore a clever investment that delivers a wealth of attractive benefits.

Additional benefits of the FrontCom® Vario

- Takes up half the space of conventional service interfaces
- Fewer installation costs as the data, signal and power connections are housed in a single frame
- Future-proof technology thanks to data transmission pursuant to the latest Cat.6_A standard
- Optimally equipped for greater security and comfort during operation and maintenance tasks
- Perfect planning reliability thanks to a future-proof portfolio for the most diverse applications
- High flexibility thanks to a variety of possible customisations and combinations

Find out more about the new FrontCom® Vario service interfaces at:

www.weidmueller.com/frontcom

You want to configure your interface online right now – no problem:

<http://galaxy.weidmueller.com/frontcom>



More bang for your buck

We combine power supply, signal and data transmission on half the space

Compared with conventional service interfaces, FrontCom® Vario combines several functions in just one single frame, so it only takes up half the space.

The system is compact, simple to install and can be assembled flexibly. There are different data, signal and power modules plus several attractive housing designs available, so you can choose a solution that suits your specific requirements.

What's more, FrontCom® Vario offers you a range of unique product features that mark the system out as being a particularly secure, fast and forward-looking solution.

Simple and clear identification

The large marking surface on the cover makes for optimum equipment identification and fantastic legibility. The optional touch-safe protection on the inside offers additional marking options for any interface and facilitates clear assignment.



More security

The variant with a genuine security lock, which is available as an option, offers perfect protection against unauthorised access.



Easier everyday work

The practical cover fixation with five lock-in positions allows for easier access and faster work processes. It also means you still have full use of both your hands!



High flexibility thanks to a modular system

The FrontCom® Vario is synonymous with unique flexibility given its modular design and more than 5,000 possible combinations. There are therefore variants available in plastic or made of robust metal for harsh environments. All of the variants meet the requirements set out in the IP 65 standard. The special thing is, that FrontCom® Vario is fully mounting-compatible with the market standard.



Future-proof data transmission

RJ45 inserts pursuant to the latest Cat.6_A standard guarantee the best transmission characteristics. They allow high data transmission rates of up to 10 GBit/s.

Available with shielding as an option

The optional shielding only has to be connected to the frame's earthing screw once, then it transfers the functional earth to all the metal inserts.



Project planning has to take a multitude of factors into account

We offer more than 5,000 possible combinations

Design engineers and planners are faced with particular challenges when it comes to planning a system project. No two machines are the same and every customer has a different set of requirements. With FrontCom® Vario, we are offering you a hitherto unequalled range of options for adapting your service interface to suit your individual requirements. For example, country-specific socket systems or different plug types such as RJ45, USB or D-sub that can be used to establish a connection to the systems in the cabinet. This also applies to any modifications and retrofitting work required during operation.

The modular FrontCom® Vario service interface offers the perfect combination of single frame, communication and power inserts and the ideal insert plate for almost every configuration. All in all, you can choose from more than 5,000 possible combinations.

The modular principle: Every FrontCom® Vario variant can be designed with a modular structure using the following components:



A variety of frames

With the different frames, the FrontCom® Vario can adapt to different requirements and environmental conditions. Installation? It's child's play! If there is a suitable cut-out available in the housing or cabinet, all you have to do is position the pre-assembled frame and fix it in place with three screws.



Inserts to suit every requirement

Depending on your requirements, you can opt for different data, signal or power inserts and simply lock them to the suitable insert plate.



A variety of insert plates

There are different insert plates available for holding the inserts. They are set apart by different combinations of holders for power, data and signal inserts. Every variant is available with shielding as an option. For installation, the insert plates can simply be locked to the available frames.

The choice is yours

We help you with the FrontCom® Vario online configurator

If you're looking to create your very own, customised FrontCom® Vario service interface, there are more than 5,000 possible combinations to choose from. Our convenient online configurator is available to help you quickly and easily create the perfect solution from the wide range of products on offer. In this respect, you can simply select the components you would like using the drag and drop function. You will then receive a parts list with all of the individual components required that you can save and query online straight away.



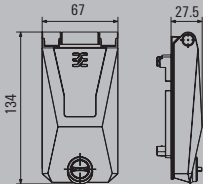
Online

[http://galaxy.
weidmueller.com/
frontcom](http://galaxy.weidmueller.com/frontcom)

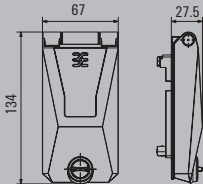
FrontCom® Vario
Frame

- IP 65

Metal cover



Plastic cover



Technical data

Protection degree
Material cover
Material frame
Ambient temperature (operational)
Approvals

Note

IP 65 in enclosed state
Zinc diecast, powder-coated
Zinc diecast
-40 °C...70 °C
GERMLOYD

IP 65 in enclosed state
Polycarbonate PC
Zinc diecast
-40 °C...70 °C
GERMLOYD

Ordering data

Button operation
Lockable with key

Note

Type	Qty.	Order No.
IE-FC-SFM-KNOB	1	1450530000
IE-FC-SFM-KEY	1	1450540000

Type	Qty.	Order No.
IE-FC-SFP-KNOB	1	1450510000
IE-FC-SFP-KEY	1	1450520000

Accessories

Spare key

Markers

silver
light grey
white

for touch-safe protection and insert plates

Touch-safe protection

Touch-safe protection

Type	Qty.	Order No.
IE-FC-KEY	1	1465930000
SM 27/18 K MC NE SI	80	1713760000
SM 27/18 K MC NE GR	80	1073340000
SM 27/18 K MC NE WS	80	1707270000
ESG 7/20 SIRIUS MC NE WS	200	1736181044
IE-FC-PWPC	1	1450820000

Type	Qty.	Order No.
IE-FC-KEY	1	1465930000
SM 27/18 K MC NE SI	80	1713760000
SM 27/18 K MC NE GR	80	1073340000
SM 27/18 K MC NE WS	80	1707270000
ESG 7/20 SIRIUS MC NE WS	200	1736181044
IE-FC-PWPC	1	1450820000

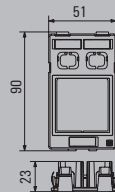
Note

FrontCom® Vario

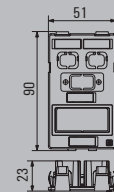
Insert plates

- IP 20

1x Power, 2x Data



1x Power, 2x Data, 1x Signal



Technical data

Material
Insert, data
Insert, signal, D-Sub, 9-pole
Insert, signal, D-Sub, 25-pole
Insert Power large
Insert Power small
Insert Power US
Ambient temperature (operational)
Approvals
Note

Polycarbonate PC
2
1
-40 °C...70 °C
GERMLLOYD

Polycarbonate PC
2
1
1
-40 °C...70 °C
GERMLLOYD

Ordering data

shielded
unshielded
Note

Type	Qty.	Order No.
IE-FC-SP-PWB/2ST	1	1450550000
IE-FC-IP-PWB/2ST	1	1450630000

Type	Qty.	Order No.
IE-FC-SP-PWS/2ST/1D9	1	1450600000
IE-FC-IP-PWS/2ST/1D9	1	1450690000

Accessories

Inserts, Power	
Socket AU 15 A	
Socket AU 10 A	
Socket CH	
Socket CN	
Socket GB	
Socket DE	
Socket DE orange	
Socket FR	
Socket EU	
Socket IT	
Socket Multi-contact	
RCBO	
Inserts, Data	
RJ45 coupling	
RJ45 module EIA/TIA T568 B	
RJ45 module PROFINET	
RJ45 module EIA/TIA T568 A	
USB 2.0 A / A	
USB 3.0 A / A	
USB 2.0 A / B	
Markers	
for touch-safe protection and insert plates	
Touch-safe protection	
Touch-safe protection	
Inserts, Signal	
D-Sub, 9-pole, female/female	
D-Sub, 9-pole, female / male	
D-Sub, 9-pole, female / solder connection	
Note	

Type	Qty.	Order No.
IE-FCI-PWB-AU	1	1450830000
IE-FCI-PWB-AU-10A	1	1546590000
IE-FCI-PWB-CH	1	1450780000
IE-FCI-PWB-CN	1	1450790000
IE-FCI-PWB-GB	1	1450770000
IE-FCI-PWB-DE	1	1450730000
IE-FCI-PWB-DE-OR	1	1554000000
IE-FCI-PWB-FR	1	1450750000
IE-FCI-PWS-EU	1	1450740000
IE-FCI-PWS-IT	1	1450810000
IE-FCI-PWB-MC	1	1529570000
IE-FCI-PWB-RCBO	1	1534250000
IE-BI-RJ45-C	10	1962840000
IE-BI-RJ45-FJ-B	10	1963840000
IE-BI-RJ45-FJ-P	10	1963830000
IE-BI-RJ45-FJ-A	10	1962850000
IE-BI-USB-A	10	1019570000
IE-BI-USB-3.0-A	10	1487920000
IE-BI-USB-AB	10	1131380000
ESG 7/20 SIRIUS MC NE WS	200	1736181044
IE-FC-PWPC	1	1450820000

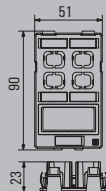
Type	Qty.	Order No.
IE-FCI-PWS-EU	1	1450740000
IE-FCI-PWS-IT	1	1450810000
IE-BI-RJ45-C	10	1962840000
IE-BI-RJ45-FJ-B	10	1963840000
IE-BI-RJ45-FJ-P	10	1963830000
IE-BI-RJ45-FJ-A	10	1962850000
IE-BI-USB-A	10	1019570000
IE-BI-USB-3.0-A	10	1487920000
IE-BI-USB-AB	10	1131380000
ESG 7/20 SIRIUS MC NE WS	200	1736181044
IE-FC-PWPC	1	1450820000
IE-FCI-D9-FF	1	1450840000
IE-FCI-D9-FM	1	1450850000
IE-FCI-D9-FS	1	1450870000

FrontCom® Vario

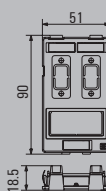
Insert plates

- IP 20

1x Power, 4x Data



1x Power, 2x Signal



Technical data

Material
Insert, data
Insert, signal, D-Sub, 9-pole
Insert, signal, D-Sub, 25-pole
Insert Power large
Insert Power small
Insert Power US
Ambient temperature (operational)
Approvals

Note

Polycarbonate PC
4

1

-40 °C...70 °C
GERMLLOYD

Polycarbonate PC

2

1

-40 °C...70 °C
GERMLLOYD

Ordering data

shielded
unshielded

Note

Type	Qty.	Order No.
IE-FC-SP-PWS/4ST	1	1450570000
IE-FC-IP-PWS/4ST	1	1450640000

Type	Qty.	Order No.
IE-FC-SP-PWS/2D9	1	1450610000
IE-FC-IP-PWS/2D9	1	1450680000

Accessories

Inserts, Power	
Socket EU	
Socket IT	

Inserts, Data	
RJ45 coupling	
RJ45 module EIA/TIA T568 A	
RJ45 module EIA/TIA T568 B	
RJ45 module PROFINET	
USB 2.0 A / A	
USB 3.0 A / A	
USB 2.0 A / B	

Markers	
for touch-safe protection and insert plates	

Touch-safe protection	
Touch-safe protection	

Inserts, Signal	
D-Sub, 9-pole, female/female	
D-Sub, 9-pole, female / male	
D-Sub, 9-pole, female / solder connection	

Type	Qty.	Order No.
IE-FCI-PWS-EU	1	1450740000
IE-FCI-PWS-IT	1	1450810000
IE-BI-RJ45-C	10	1962840000
IE-BI-RJ45-FJ-A	10	1962850000
IE-BI-RJ45-FJ-B	10	1963840000
IE-BI-RJ45-FJ-P	10	1963830000
IE-BI-USB-A	10	1019570000
IE-BI-USB-3.0-A	10	1487920000
IE-BI-USB-AB	10	1131380000

ESG 7/20 SIRIUS MC NE WS	200	1736181044
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IE-FC-PWPC	1	1450820000
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Type	Qty.	Order No.
IE-FCI-PWS-EU	1	1450740000
IE-FCI-PWS-IT	1	1450810000

ESG 7/20 SIRIUS MC NE WS	200	1736181044
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IE-FC-PWPC	1	1450820000
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IE-FCI-D9-FF	1	1450840000
IE-FCI-D9-FM	1	1450850000
IE-FCI-D9-FS	1	1450870000

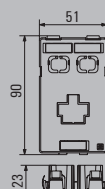
Note

FrontCom® Vario

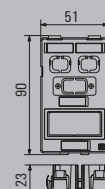
Insert plates

- IP 20

1x Power, 2x Data



2x Data, 2x Signal



Technical data

Material
Insert, data
Insert, signal, D-Sub, 9-pole
Insert, signal, D-Sub, 25-pole
Insert Power large
Insert Power small
Insert Power US
Ambient temperature (operational)
Approvals

Note

Polycarbonate PC
2

1
-40 °C...70 °C
GERMLLOYD

Polycarbonate PC
2

-40 °C...70 °C
GERMLLOYD

Ordering data

shielded
unshielded

Note

Type	Qty.	Order No.
IE-FC-SP-PWU/2ST	1	1450620000
IE-FC-IP-PWU/2ST	1	1450700000

Touch-safe protection urgently required when using the US socket

Type	Qty.	Order No.
IE-FC-SP-2ST/2D9	1	1450590000
IE-FC-IP-2ST/2D9	1	1450670000

Accessories

Inserts, Data

RJ45 coupling
RJ45 module EIA/TIA T568 A
RJ45 module EIA/TIA T568 B
RJ45 module PROFINET
USB 2.0 A / A
USB 2.0 A / B
USB 3.0 A / A

Inserts, Signal

D-Sub, 9-pole, female / male
D-Sub, 9-pole, female / solder connection
D-Sub, 9-pole, female/female

Markers

for touch-safe protection and insert plates

Touch-safe protection

Touch-safe protection

Inserts, Power

Type	Qty.	Order No.
IE-BI-RJ45-C	10	1962840000
IE-BI-RJ45-FJ-A	10	1962850000
IE-BI-RJ45-FJ-B	10	1963840000
IE-BI-RJ45-FJ-P	10	1963830000
IE-BI-USB-A	10	1019570000
IE-BI-USB-AB	10	1131380000
IE-BI-USB-3.0-A	10	1487920000

ESG 7/20 SIRIUS MC NE WS	200	1736181044
IE-FC-PWPC	1	1450820000
IE-FC-PWS-US	1	1450800000

Type	Qty.	Order No.
IE-BI-RJ45-C	10	1962840000
IE-BI-RJ45-FJ-A	10	1962850000
IE-BI-RJ45-FJ-B	10	1963840000
IE-BI-RJ45-FJ-P	10	1963830000
IE-BI-USB-A	10	1019570000
IE-BI-USB-AB	10	1131380000
IE-BI-USB-3.0-A	10	1487920000

IE-FCI-D9-FM	1	1450850000
IE-FCI-D9-FS	1	1450870000
IE-FCI-D9-FF	1	1450840000

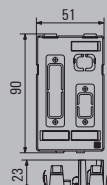
ESG 7/20 SIRIUS MC NE WS	200	1736181044
IE-FC-PWPC	1	1450820000

Note

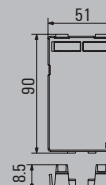
Insert plates

- IP 20

1x Data, 2x Signal



blank plate



Technical data

Material

Insert, data

Insert, signal, D-Sub, 9-pole

Insert, signal, D-Sub, 25-pole

Insert Power large

Insert Power small

Insert Power US

Ambient temperature (operational)

Approvals

Note

Ordering data

	shielded	unshielded
Note		

Accessories

Inserts, Signal	D-Sub, 9-pole, female/female
	D-Sub, 9-pole, female / male
	D-Sub, 9-pole, female / solder connection
	D-Sub, 25-pole, female / solder connection
	D-Sub, 25-pole, female/female
Inserts, Data	D-Sub, 25-pole, female/male
	RJ45 coupling
	RJ45 module EIA/TIA T568 A
	RJ45 module EIA/TIA T568 B
	RJ45 module PROFINET
Markers	USB 2.0 A / A
	USB 3.0 A / A
	USB 2.0 A / B
	for touch-safe protection and insert plates
	Touch-safe protection
Accessories	Touch-safe protection
	Accessories

Type	Qty.	Order No.
IE-FC-SP-1ST/1D9/1D25	1	1450580000
IE-FC-IP-1ST/1D9/1D25	1	1450650000

Type	Qty.	Order No.
IE-FCI-D9-FF	1	1450840000
IE-FCI-D9-FM	1	1450850000
IE-FCI-D9-FS	1	1450870000
IE-FCI-D25-FF	1	1450880000
IE-FCI-D25-FM	1	1450890000
IE-FCI-D25-FS	1	1450900000
IE-BIRJ45-C	10	1962840000
IE-BIRJ45-FJ-A	10	1962850000
IE-BIRJ45-FJ-B	10	1963840000
IE-BIRJ45-FJ-P	10	1963830000
IE-BIUSB-A	10	1019570000
IE-BIUSB-3.0-A	10	1487920000
IE-BIUSB-AB	10	1131380000
ESG 7/20 SIRIUS MC NE WS	200	1736181044
IE-FC-PWPC	1	1450820000

Type	Qty.	Order No.
IE-FC-IP-BP	1	1450710000

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Note

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Data inserts

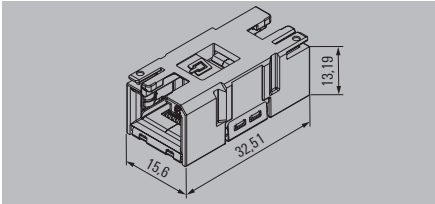
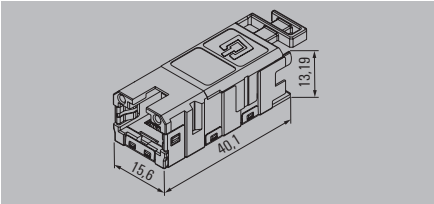
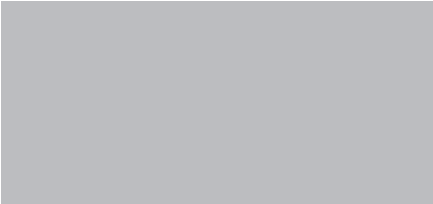
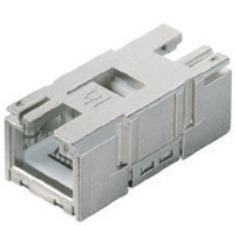
RJ45

- Cat. 6_A
- IP 20
- For housing variants 1, 4, 5, 14 and for FrontCom

Module



Coupling



Technical data

Protection degree
Plugging cycles
Shielding
Housing main material
Contact surface
Connection cross-section, flexible, min. / max.
Connection cross-section, solid, min. / max.
Insulation diameter, min. / max.
Connector standard
Ambient temperature (operational)
PoE / PoE+
Approvals

Note

IP 67 with housing
750
360° all-round enclosure
Zinc diecast
Gold over nickel, Au ≥ 0.8 µm
AWG 26 / AWG 22
AWG 24 / AWG 22
0.85 mm...1.6 mm
IEC 60603-7-51
-40 °C...70 °C
conforming to IEEE 802.3af
CULUS; GERMLLOYD

IP 67 with housing
750
360° all-round enclosure
Zinc diecast
Gold over nickel, Au ≥ 0.8 µm

IEC 60603-7-51
-40 °C...70 °C
conforming to IEEE 802.3af
CULUS; GERMLLOYD

Ordering data

tool-free

TIA-A, Cat. 6_A
TIA-B, Cat. 6_A
PROFINET Cat. 5
Coupling

Note

Type	Qty.	Order No.
IE-BI-RJ45-FJ-A	10	1962850000
IE-BI-RJ45-FJ-B	10	1963840000
IE-BI-RJ45-FJ-P	10	1963830000

Type	Qty.	Order No.
IE-BI-RJ45-C	10	1962840000

Accessories

Tools

Optional pressing tool

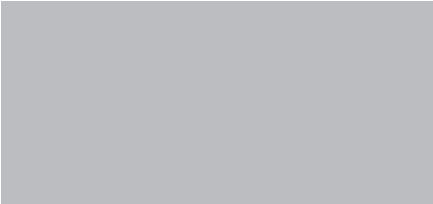
Type	Qty.	Order No.
PWZ RJ45	1	1118040000

Type	Qty.	Order No.
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Note

Data inserts
USB

- Cat. 6_A
- IP 20
- For housing variants 1, 4, 5, 14 and for FrontCom



Technical data

Protection degree
Shielding
Ambient temperature (operational)
Connection 1 / 2
Connector standard
Approvals

Note

Ordering data

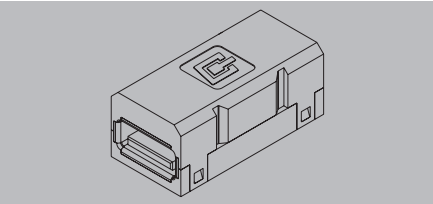
USB 2.0
USB 3.0

Note

Accessories

Note

Coupling USB A/A



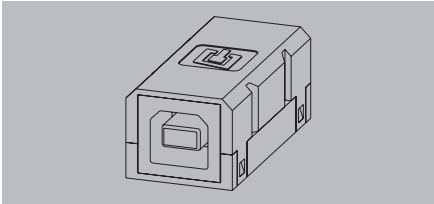
IP 67 with housing
360° all-round enclosure
-40 °C...70 °C
USB A / USB A
IEC 61076-3-107
GERMLLOYD

Type	Qty.	Order No.
IE-BI-USB-A	10	1019570000
IE-BI-USB-3.0-A	10	1487920000

Type	Qty.	Order No.



Coupling USB A/B



IP 67 with housing
360° all-round enclosure
-40 °C...70 °C
USB A / USB B
IEC 61076-3-107
GERMLLOYD

Type	Qty.	Order No.
IE-BI-USB-AB	10	1131380000

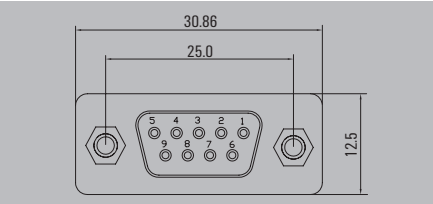
Type	Qty.	Order No.



Signal inserts
D-Sub

- IP 20

9-pole



Technical data

Protection degree
Housing main material
No. of poles
Housing surface
Contact surface
Contact resistance
Insulation resistance
Dielectric strength, contact / contact
Ambient temperature (operational)
Approvals

Note

IP 20
SPCC
9
tin-plated
Gold-plated
≤ 20 mΩ
1000 MΩ at 500 V DC
1 kV_{eff} / 1 min.
-55 °C...105 °C
GERMILLOYD

Ordering data

Female / Female
Female / Male
Female / Solder connection

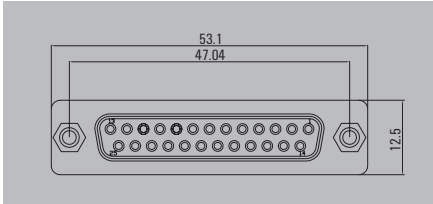
Note

Type	Qty.	Order No.
IE-FCI-D9-FF	1	1450840000
IE-FCI-D9-FM	1	1450850000
IE-FCI-D9-FS	1	1450870000

Accessories

Note

25-pole



IP 20
SPCC
25
tin-plated
Gold-plated
≤ 20 mΩ
1000 MΩ at 500 V DC
1 kV_{eff} / 1 min.
-55 °C...105 °C
GERMILLOYD

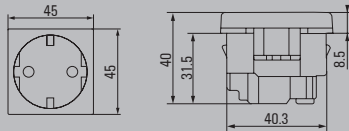
Type	Qty.	Order No.
IE-FCI-D25-FF	1	1450880000
IE-FCI-D25-FM	1	1450890000
IE-FCI-D25-FS	1	1450900000

Type	Qty.	Order No.

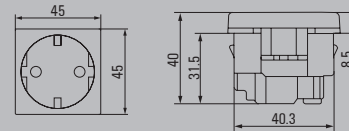
Power inserts
Sockets

- IP 20

Germany, white



Germany, orange



Technical data

Protection degree
Housing main material
Type of connection
Wire cross-section
 flexible with wire end ferrule
 flexible without wire end ferrule
 extremely flexible with wire end ferrule
 extremely flexible without wire end ferrule
Conductor connection cross-section, rigid
Stripping length
Rated voltage (AC)
Rated current
Ambient temperature (operational)
Approvals

Note

IP 20
Polycarbonate PC
PUSH IN

1.5 ... 1.5 mm²
1.5 ... 2.5 mm²
1.5 ... 1.5 mm²
1.5 ... 2.5 mm²
1.5 ... 2.5 mm²
10 mm
250 V
16 A
-5 °C...50 °C
GERMLLOYD

IP 20
Polycarbonate PC
PUSH IN

1.5 ... 1.5
1.5 ... 2.5
1.5 ... 1.5
1.5 ... 2.5
1.5 ... 2.5
10 mm
250 V
16 A
-5 °C...50 °C
GERMLLOYD

Ordering data

Note

Type	Qty.	Order No.
IE-FCI-PWB-DE	1	1450730000

Type	Qty.	Order No.
IE-FCI-PWB-DE-OR	1	1554000000

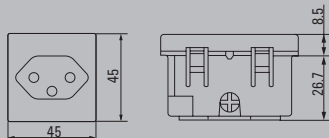
Accessories

Type	Qty.	Order No.

Type	Qty.	Order No.

Note

Switzerland

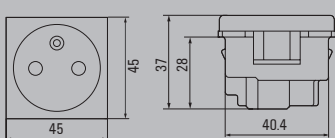


IP 20
Polycarbonate PC
PUSH IN
1.5 ... 1.5 mm ²
1.5 ... 2.5 mm ²
1.5 ... 1.5 mm ²
1.5 ... 2.5 mm ²
1.5 ... 2.5 mm ²
10 mm
250 V
10 A
-5 °C...50 °C
GERMLLOYD

Type	Qty.	Order No.
IE-FCI-PWB-CH	1	1450780000

Type	Qty.	Order No.

France

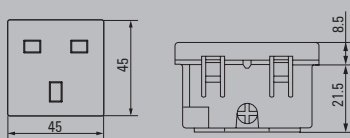


IP 20
Polycarbonate PC
PUSH IN
1.5 ... 1.5 mm ²
1.5 ... 2.5 mm ²
1.5 ... 1.5 mm ²
1.5 ... 2.5 mm ²
1.5 ... 2.5 mm ²
10 mm
250 V
16 A
-5 °C...50 °C
GERMLLOYD

Type	Qty.	Order No.
IE-FCI-PWB-FR	1	1450750000

Type	Qty.	Order No.

UK



IP 20
Polycarbonate PC
Screw connection
1.5 ... 2.5 mm ²
1.5 ... 4 mm ²
1.5 ... 2.5 mm ²
1.5 ... 4 mm ²
1.5 ... 4 mm ²
9 mm
250 V
13 A
-5 °C...50 °C
GERMLLOYD

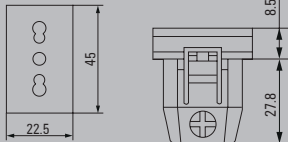
Type	Qty.	Order No.
IE-FCI-PWB-GB	1	1450770000

Type	Qty.	Order No.

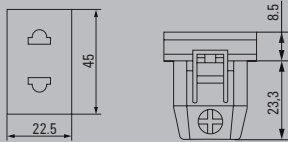
Power inserts
Sockets

- IP 20

Italy



Euro



Technical data

Protection degree
Housing main material
Type of connection
Wire cross-section
 flexible with wire end ferrule
 flexible without wire end ferrule
 extremely flexible with wire end ferrule
 extremely flexible without wire end ferrule
Conductor connection cross-section, rigid
Stripping length
Rated voltage (AC)
Rated current
Ambient temperature (operational)
Approvals

Note

IP 20
Polycarbonate PC
Screw connection

1.5 ... 2.5 mm²
1.5 ... 4 mm²
1.5 ... 2.5 mm²
1.5 ... 4 mm²
1.5 ... 4 mm²
9 mm
250 V
16 A
-5 °C...50 °C
GERMILLOYD

IP 20
Polycarbonate PC
Screw connection

1.5 ... 2.5 mm²
1.5 ... 4 mm²
1.5 ... 2.5 mm²
1.5 ... 4 mm²
1.5 ... 4 mm²
9 mm
250 V
16 A
-5 °C...50 °C
GERMILLOYD

Ordering data

Note

Type	Qty.	Order No.
IE-FCI-PWS-IT	1	1450810000

Type	Qty.	Order No.
IE-FCI-PWS-EU	1	1450740000

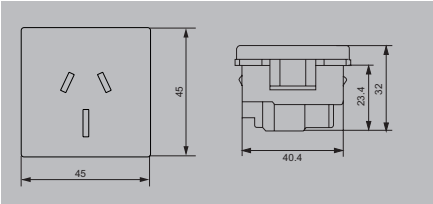
Accessories

Type	Qty.	Order No.

Type	Qty.	Order No.

Note

Australia, 15 A



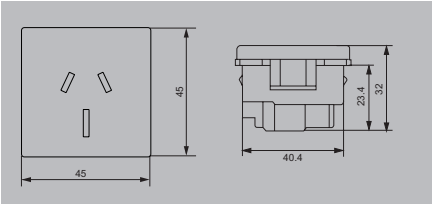
IP 20
Polycarbonate PC
Screw connection

1.5 ... 2.5 mm²
1.5 ... 4 mm²
1.5 ... 2.5 mm²
1.5 ... 4 mm²
1.5 ... 4 mm²
9 mm
240 V
15 A
-5 °C...50 °C
GERMLLOYD

Type	Qty.	Order No.
IE-FCI-PWB-AU	1	1450830000

Type	Qty.	Order No.

Australia, 10 A



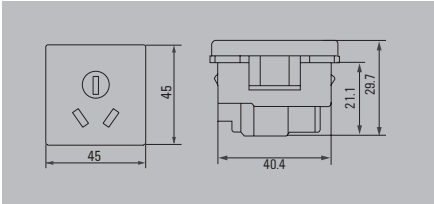
IP 20
Polycarbonate PC
Screw connection

1.5 ... 2.5 mm²
1.5 ... 4 mm²
1.5 ... 2.5 mm²
1.5 ... 4 mm²
1.5 ... 4 mm²
9 mm
240 V
10 A
-5 °C...50 °C
GERMLLOYD

Type	Qty.	Order No.
IE-FCI-PWB-AU-10A	1	1546590000

Type	Qty.	Order No.

China



IP 20
Polycarbonate PC
Screw connection

1.5 ... 2.5 mm²
1.5 ... 4 mm²
1.5 ... 2.5 mm²
1.5 ... 4 mm²
1.5 ... 4 mm²
9 mm
250 V
10 A
-5 °C...50 °C
GERMLLOYD

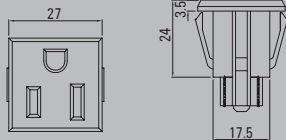
Type	Qty.	Order No.
IE-FCI-PWB-CN	1	1450790000

Type	Qty.	Order No.

Power inserts
Sockets

- IP 20

USA



Technical data

Protection degree
Housing main material
Type of connection
Wire cross-section
flexible with wire end ferrule
flexible without wire end ferrule
extremely flexible with wire end ferrule
extremely flexible without wire end ferrule
Conductor connection cross-section, rigid
Stripping length
Rated voltage (AC)
Rated current
Ambient temperature (operational)
Approvals

Note

IP 20
PA 66
Solder connection, FS 4.8 x 0.8

125 V
15 A
-20 °C...85 °C
GERMLLOYD

Ordering data

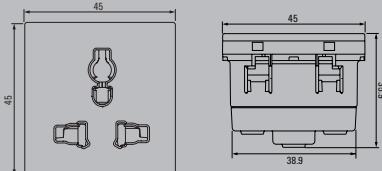
Note

Accessories

Note

Multi-contact

EU, US, CN, GB, IND



IP 20
Polycarbonate PC
Screw connection
1.5 ... 2.5 mm²
1.5 ... 4 mm²
1.5 ... 2.5 mm²
1.5 ... 4 mm²
1.5 ... 4 mm²
10 mm
250 V / 127 V
5 A / 6 A / 10 A / 13 A / 15 A
-5 °C...50 °C
GERMLLOYD

Type	Qty.	Order No.
IE-FCI-PWB-MC	1	1529570000

Type	Qty.	Order No.
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Type	Qty.	Order No.
IE-FCI-PWS-US	1	1450800000

Touch-safe protection urgently required when using the US socket

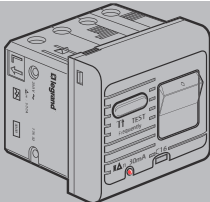
Type	Qty.	Order No.
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Power inserts

RCBO

- IP 20

RCBO



Technical data

Ambient temperature (operational)
Operating voltage
Rated current
 $I_{\Delta n}$
 $I_{\Delta n}$
Triggering characteristic

Note

-5 °C...40 °C
230 V AC
16 A
500 A
30 mA
Typ C

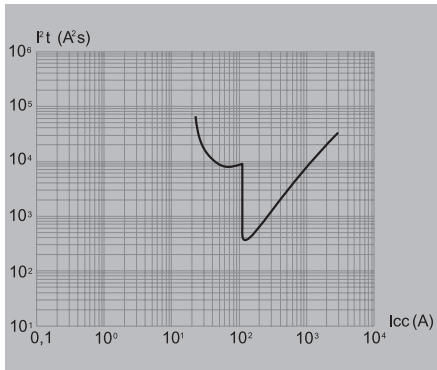
Ordering data

Note

Type	Qty.	Order No.
IE-FCH-PWB-RCBO	1	1534250000

Accessories

Type	Qty.	Order No.



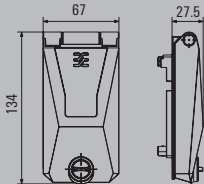
Note

Sets

- shielded

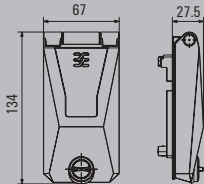
2x Data 1x Power DE

Plastic cover



2x Data 1x Power MC

Metal cover, lockable



Technical data

Frame
Insert plate
Data inserts
Power inserts
Rated voltage for socket
Rated current for socket
Protection degree
products included in the set

Plastic cover
2x data, 1x power, Shielded
USB 2.0 A/A, RJ45 coupling Cat.6_A
Socket DE
250 V
16 A
IP 65 in enclosed state
1450510000;1450550000;1450730000;1019570000;
1962840000

Metal cover, Lockable with key
2x data, 1x power, Shielded
2 x RJ45 coupling Cat.6_A
Multicontact socket for: EU, US, CN, GB, IND
127 V, 250 V
15 A (at 127 V), 5 - 6 - 10 - 13 A (at 250 V)
IP 65 in enclosed state
1450540000;1450550000;1529570000;1962840000

Note

Ordering data

Note

Type	Qty.	Order No.
IE-FC-SET-SPDED001-KN-P	1	1529580000

Type	Qty.	Order No.
IE-FC-SET-SPMCD002-KY-M	1	1529390000

Accessories

Type	Qty.	Order No.

Type	Qty.	Order No.

Note

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