

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Киргизия (596)312-96-26-47

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Казахстан (772)734-952-31

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Россия (495)268-04-70

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

<https://weidmuller.nt-rt.ru/> || wde@nt-rt.ru

Efficient access to systems and processes
With the FrontCom® Vario modular service interfaces
Let's connect.



Weidmüller



Easy access to the PLC and functional electronics

FrontCom® Vario is setting new standards

Optimum system control and high system availability 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

FrontCom® Vario

The service interface FrontCom® Vario is setting 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.

- 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
- Data transmission pursuant to the latest Cat.6_A standard
- High flexibility thanks to a variety of possible customisations and combinations
- Variants with UL 508 and NEMA 4X approval, for particularly demanding environmental conditions (outdoor)
- Various locks to suit the individual security level



FrontCom® Vario single frames

Power supply, signal and data transmission on half the space

Compared to 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.

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.



Handling Video



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



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.

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.



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.



Outdoor variants
Special powder-coated variants for the harshest environmental conditions (NEMA 4X - outdoor approval)



FrontCom® Vario double frames

Sufficient space and maximum flexibility

FrontCom® Vario double frame service interfaces offer enough space to accommodate up to 10 connections or a mains socket with circuit breaker (GFCI / RCBO) as well as additional data and signal interfaces.

The double frame can be equipped with two insert plates, separated by the strip, or with a double insert plate. The system thus offers the possibility of numerous interface combinations with maximum flexibility.

Flexible and modular system
FrontCom® Vario achieves unparalleled levels of flexibility as a result of its modular design. All variants meet the IP65 rating requirements and are compatible with market standards.



Future-proof data transmission
RJ45 inserts according to current Cat. 6_A standard guarantee optimal data transmission characteristics. They allow high data transmission rates of up to 10 Gbit/s.

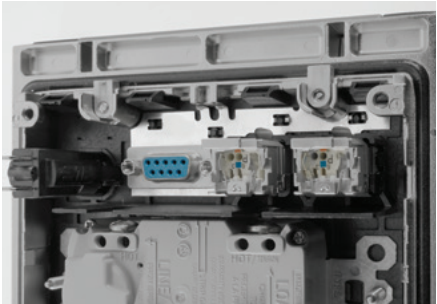
Clear identification
A large marking surface supports perfect equipment identification and legibility. An optional touch-safe protection on the inside offers additional marking options.



Outdoor variants
Special powder-coated variants for the harshest environmental conditions (NEMA 4X - outdoor approval)



Available with shielding
The optional shielding has to be connected only once to the frame's earthing screw to earth all of the metal inserts.



Different protection levels
FrontCom® Vario is available with various locks. From simple knobs to locks with inverse cabinet keys (Daimler Lock) and further to genuine security locks for perfect protection.



Handling Video



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. FrontCom® Vario, offers you a hitherto unequalled range of options for adapting your service interface to suit your individual requirements. This also applies to any modifications and retrofitting work required during operation.

The modular FrontCom® Vario service interface offers the perfect combination of frame, inserts and suitable insert plates 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 wide selection of frames and closures, the FrontCom® Vario can adapt to meet different requirements. And installation? It's easy! If there's a suitable cut-out in the housing or panel, all you have to do is position the pre-assembled frame and fix it with the integrated fastening screws.



A variety of insert plates

The insert plates 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.



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. For example, choose country-specific socket systems or different connector types such as RJ45, USB or D-Sub.

FrontCom® Vario online configurator

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.



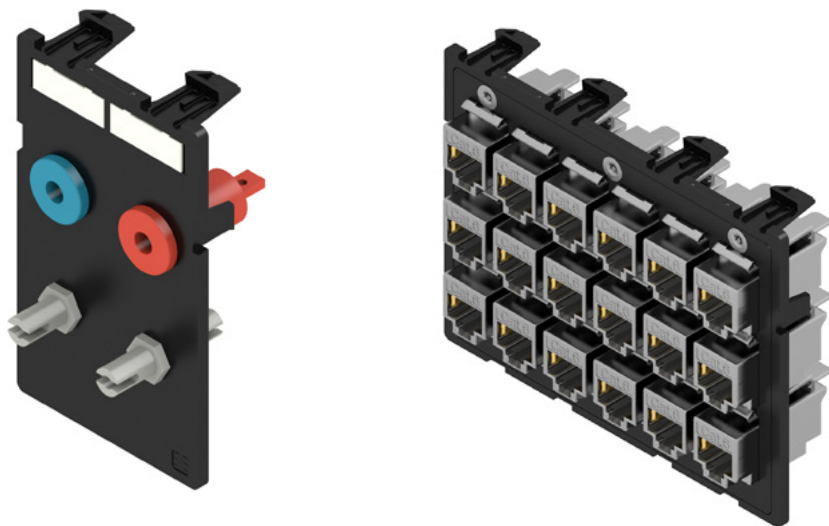
Online

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

FrontCom® Vario Sets and individual designs

Independently of our inserts, the single and double blanking plates allow the individual combination of different interfaces available on the market. The stable 3 mm base plate can be reworked by the user as required and then the desired combination can be mounted.

Examples of designs for our customers' single and double insert plates:



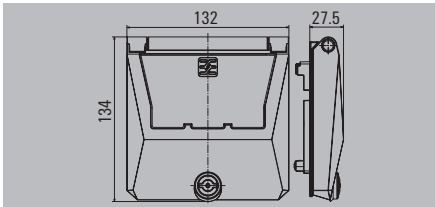
One of the advantages of FrontCom® Vario is maximum flexibility in the combination of interfaces. However, if, for example in the case of series machines, one and the same combination is required in large quantities, sets can also be offered. Customers still enjoy freedom of choice for the base frame, insert plates and inserts as well as interfaces. The markers can also be individually printed and supplied for sets.

Example of a typical FrontCom® Vario set:



FrontCom® Vario
Double frame
• IP 65

Metal cover



Technical data

Protection degree / Protection class (UL)	IP65, in closed state / Type 12
Material cover	Zinc diecast, powder-coated
Material frame	Zinc diecast
Ambient temperature (operational)	-40 °C...70 °C
Approvals	CURUS
Note	

Ordering data

	Type	Qty.	Order No.
button operation	IE-FC-DFM-KNOB	1	2003170000
Lockable with key	IE-FC-DFM-KEY	1	2003180000
Lockable with cabinet key (double bit)	IE-FC-DFM-CAB	1	2003190000
Lockable with cabinet key (Daimler-Locking)	IE-FC-DFM-CAB-DB	1	2003150000
Note			

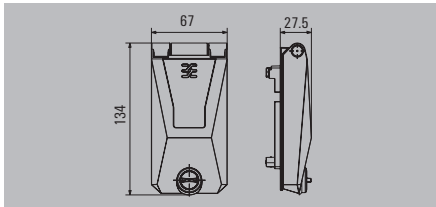
Accessories

Spare key	Type	Qty.	Order No.
	IE-FC-KEY2	1	2066650000
Markers			
silver	SM 27/18 K MC NE SI	80	1713760000
light grey	SM 27/18 K MC NE GR	80	1073340000
white	SM 27/18 K MC NE WS	80	1707270000
for touch-safe protection and insert plates	ESG 7/20 SIRIUS MC NE WS	200	1736181044
Touch-safe protection			
Touch-safe protection	IE-FC-PWPC	1	1450820000
Bar (for mounting single insert plates)			
Partition	IE-FC-DF-IPH	1	2003340000

Note

FrontCom® Vario
Frame
• IP 65

Metal cover



Technical data

Protection degree	IP 65 in enclosed state
Material cover	Zinc diecast, powder-coated
Material frame	Zinc diecast
Ambient temperature (operational)	-40 °C...70 °C
Approvals	CURUS, DNV-GL
Note	

Ordering data

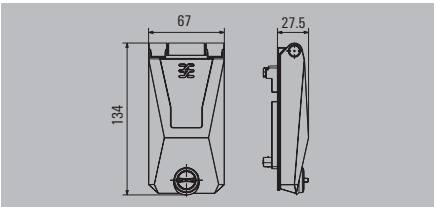
	Type	Qty.	Order No.
Button operation	IE-FC-SFM-KNOB	1	1450530000
Lockable with key	IE-FC-SFM-KEY2	1	1450540000
Lockable with cabinet key (double bit)	IE-FC-SFM-CAB	1	2003160000
Lockable with cabinet key (Daimler-Locking)	IE-FC-SFM-CAB-DB	1	2663200000
Note			

Accessories

Ersatzschlüssel	Type	Qty.	Order No.
	IE-FC-KEY2	1	2066650000
Markers			
silver	SM 27/18 K MC NE SI	80	1713760000
light grey	SM 27/18 K MC NE GR	80	1073340000
white	SM 27/18 K MC NE WS	80	1707270000
for touch-safe protection and insert plates	ESG 7/20 SIRIUS MC NE WS	200	1736181044
Touch-safe protection			
Touch-safe protection	IE-FC-PWPC	1	1450820000

Note

Plastic cover



Protection degree	IP 65 in enclosed state
Material cover	Polycarbonate PC
Material frame	Zinc diecast
Ambient temperature (operational)	-40 °C...70 °C
Approvals	CURUS, DNV-GL
Note	

	Type	Qty.	Order No.
IE-FC-SFP-KNOB	IE-FC-SFP-KNOB	1	1450510000
IE-FC-SFP-KEY2	IE-FC-SFP-KEY2	1	1450520000
IE-FC-SFP-CAB	IE-FC-SFP-CAB	1	2003140000
IE-FC-SFP-CAB-DB	IE-FC-SFP-CAB-DB	1	2663190000
Note			

	Type	Qty.	Order No.
IE-FC-KEY2	IE-FC-KEY2	1	2066650000
Markers			
SM 27/18 K MC NE SI	SM 27/18 K MC NE SI	80	1713760000
SM 27/18 K MC NE GR	SM 27/18 K MC NE GR	80	1073340000
SM 27/18 K MC NE WS	SM 27/18 K MC NE WS	80	1707270000
ESG 7/20 SIRIUS MC NE WS	ESG 7/20 SIRIUS MC NE WS	200	1736181044
Touch-safe protection			
IE-FC-PWPC	IE-FC-PWPC	1	1450820000

Note

FrontCom® Vario
Frame NEMA 4X

- IP 65
- For particularly harsh environmental conditions (outdoor) with NEMA 4X approval

Technical data

Protection degree / Protection class (UL)
Material cover
Material frame
Ambient temperature (operational)
Approvals
Note

Ordering data

button operation

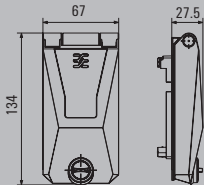
Note

Accessories

Markers
silver
light grey
white
for touch-safe protection and insert plates
Touch-safe protection
Touch-safe protection
Bar (for mounting single insert plates)
Partition

Note

Frame, Metal cover



IP65, in closed state / NEMA 4X
Zinc diecast, powder-coated
Zinc diecast, powder-coated
-40 °C...70 °C
CURUS

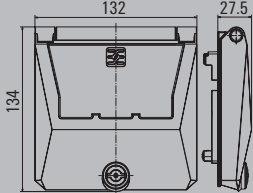
Type	Qty.	Order No.
IE-FC-SFM-KNOB-4X	1	2669630000

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Type	Qty.	Order No.
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

--

Double frame, Metal cover



IP65, in closed state / NEMA 4X
Zinc diecast, powder-coated
Zinc diecast, powder-coated
-40 °C...70 °C
CURUS

Type	Qty.	Order No.
IE-FC-DFM-KNOB-4X	1	2669640000

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Type	Qty.	Order No.
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
IE-FC-DF-IPH	1	2003340000

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FrontCom® Vario
Insert plates for double frames

- IP20

Technical data

Material
Insert, data
Insert Power large
Preparation of LS switch (2 pitch)
Insert 2 x Power US + GFCI
Ambient temperature (operational)
Approvals
Note

Ordering data

shielded
unshielded

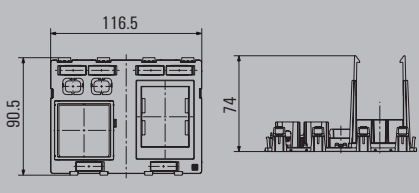
Note

Accessories

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
für Berührungsschutz und Einsatzplatten
Touch-safe protection
Touch-safe protection

Note

1 x power, 2 x data, 1 x LS switch



Polykarbonate PC
2
1
1
-40 °C...70 °C
CURUS

Type	Qty.	Order No.
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IE-FC-DSP-PWB/2ST/FILS	1	2067080000
IE-FC-DIP-PWB/2ST/FILS	1	2067070000

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Type	Qty.	Order No.
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

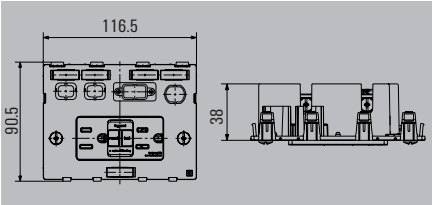
For an overview of the power inserts, see Power inserts/sockets on page 27.

FrontCom® Vario

Insert plates for double frames

- IP20

1x GFCI, 2x data, 1x signal, 1x fuse



Technische Daten

Material	Polykarbonate PC
Insert, data	2
Insert Power large	
Insert fuse	1
Signal insert D-Sub 9-pole / VGA / HDMI	1
Preparation of LS switch (2 TE)	
Insert 2 x Power US + GFCI	1
Ambient temperature (operational)	-35 °C...66 °C
Approvals	CURUS
Technical data GFCI insert	
Operating voltage / Rated current	125 V AC / 20 A
GFCI protected US outlet	2 pieces
Self-test	automatically every 3 seconds
Status indication	red LED
Type of connection	Screw connection
Line connection cross-section	
finely stranded with wire-end ferrule	1,5 ... 2,5 mm²
finely stranded with wire-end ferrule	1,5 ... 2,5 mm²
Conductor connection cross-section, solid	1,5 ... 4 mm²
Note	

Bestelldaten

	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
Fuse inserts	
	3 A
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

Type	VPE	Best.-Nr.
IE-FC-DSP-CI/3A/2ST/1D9	1	2004810000
IE-FC-DIP-CI/3A/2ST/1D9	1	2003370000
inkl. vormontiertem GFCI		

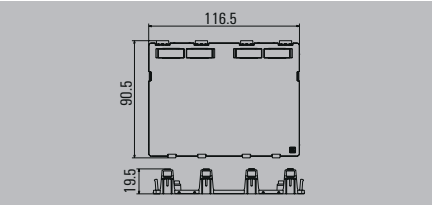
Type	VPE	Best.-Nr.
IE-FCI-D9-FF	1	1450840000
IE-FCI-D9-FM	1	1450850000
IE-FCI-D9-FS	1	1450870000
IE-FCI-PWCB-3A	1	1543690000
IE-BI-RJ45-C	10	1962840000
IE-BI-RJ45-FJ-A	10	1962850000
IE-BI-RJ45-FJ-B	10	1963840000
IE-BI-RJ45-FJ-P	10	1963830000
IE-BI-USB-A	10	1019570000
IE-BI-USB-3.0-A	10	1487920000
IE-BI-USB-AB	10	1131380000
ESG 7/20 SIRIUS MC NE WS	200	1736181044

FrontCom® Vario

Insert plates

- IP20

blank double plate



Technical data

Material	Polykarbonate PC
Ambient temperature (operational)	-40 °C...70 °C
Approvals	CURUS
Note	

Ordering data

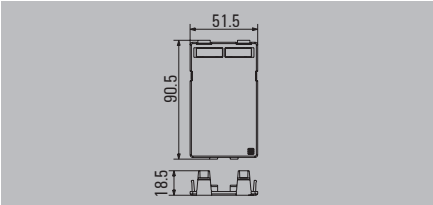
	unshielded
Note	

Accessories

Type	Qty.	Order No.
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Type	Qty.	Order No.
IE-FC-DIP-BP	1	2004890000

blank single plate

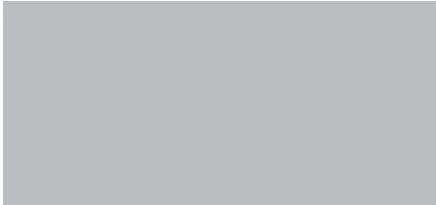


Material	Polykarbonate PC
Ambient temperature (operational)	-40 °C...70 °C
Approvals	CURUS; DNV-GL

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

Type	Qty.	Order No.
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FrontCom® Vario
Insert plates
• IP20



Technical data

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

Note

Ordering data

shielded
unshielded

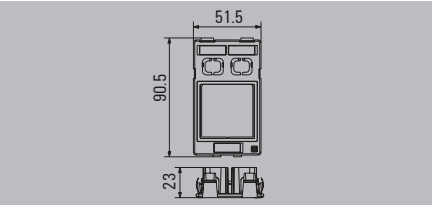
Note

Accessories

Inserts, 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	
VGA coupling	
HDMI coupling	

Note

1 x power, 2 x data



Polykarbonate PC
2

1

-40 °C...70 °C
CURUS; DNV-GL

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

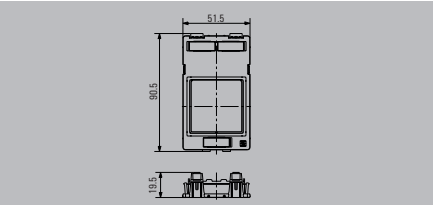
Type	Qty.	Order No.
IE-BI-RJ45-C	10	1962840000
IE-BI-RJ45-FJ-B	10	1963840000
IE-BI-RJ45-FJ-P	10	1963830000
IE-BI-RJ45-FJ-A	10	1962850000
IE-BI-USB-A	10	1019570000
IE-BI-USB-3.0-A	10	1487920000
IE-BI-USB-AB	10	1131380000

ESG 7/20 SIRIUS MC NE WS	200	1736181044
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IE-FC-PWPC	1	1450820000
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For an overview of the power inserts, see Power inserts/sockets on page 27.

1x power



Polykarbonate PC

1

-40 °C...70 °C
CURUS

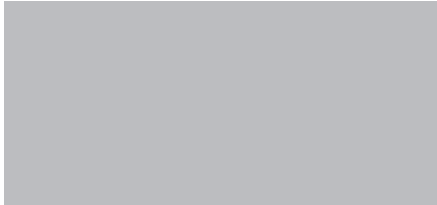
Type	Qty.	Order No.
IE-FC-IP-PWB	1	2548060000

Type	Qty.	Order No.

ESG 7/20 SIRIUS MC NE WS	200	1736181044
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For an overview of the power inserts, see Power inserts/sockets on page 27.

FrontCom® Vario
Insert plates
• IP20



Technical data

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

Note

Ordering data

shielded
unshielded

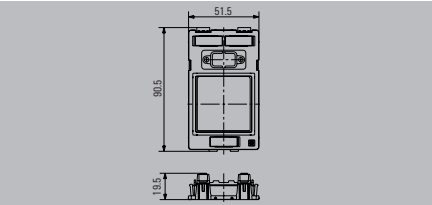
Note

Accessories

Inserts, 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	
VGA coupling	
HDMI coupling	

Note

1x power, 1x signal



Polykarbonate PC

1

1

-40 °C...70 °C
CURUS

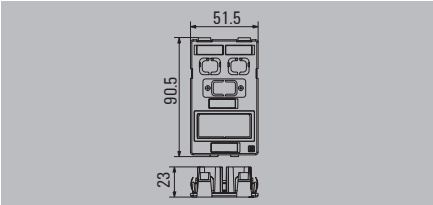
Type	Qty.	Order No.
IE-FC-IP-PWB/1D9	1	2003350000

Type	Qty.	Order No.
IE-FCI-D9-FF	1	1450840000
IE-FCI-D9-FM	1	1450850000
IE-FCI-D9-FS	1	1450870000
IE-FCI-HD15-FF	1	1556290000
IE-FCI-HDMI-FF	1	2003390000

ESG 7/20 SIRIUS MC NE WS	200	1736181044
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For an overview of the power inserts, see Power inserts/sockets on page 27.

1x power, 2x data, 1x signal



Polykarbonate PC
2
1

1

-40 °C...70 °C
CURUS; DNV-GL

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

Type	Qty.	Order No.
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

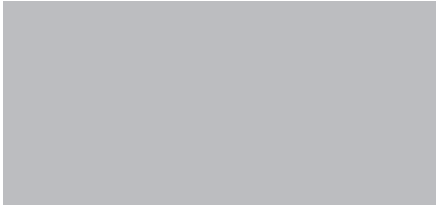
ESG 7/20 SIRIUS MC NE WS	200	1736181044
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IE-FC-PWPC	1	1450820000
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IE-FCI-D9-FF	1	1450840000
IE-FCI-D9-FM	1	1450850000
IE-FCI-D9-FS	1	1450870000
IE-FCI-HD15-FF	1	1556290000
IE-FCI-HDMI-FF	1	2003390000

For an overview of the power inserts, see Power inserts/sockets on page 27.

FrontCom® Vario
Insert plates
• IP20



Technical data

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

Ordering data

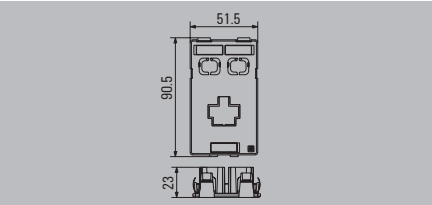
	shielded
	unshielded
Note	

Accessories

Inserts, Power	Socket IT/EU
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	
Inserts, Signal	D-Sub, 9-pole, female/female D-Sub, 9-pole, female / male D-Sub, 9-pole, female / solder connection VGA coupling HDMI coupling

Note

1 x power, 4 x data



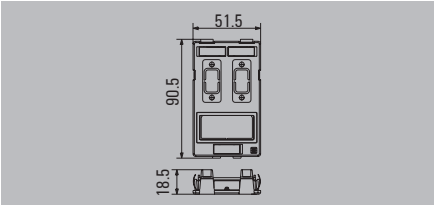
Polykarbonate PC
4
1
-40 °C...70 °C
CURUS; DNV-GL

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

Type	Qty.	Order No.
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
IE-FC-PWPC	1	1450820000

Note

1 x power, 2 x signal



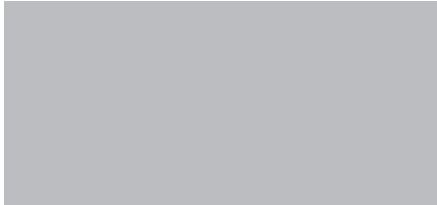
Polykarbonate PC
2
1
-40 °C...70 °C
CURUS; DNV-GL

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

Type	Qty.	Order No.
IE-FCI-PWS-IT	1	1450810000
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
IE-FCI-HD15-FF	1	1556290000
IE-FCI-HDMI-FF	1	2003390000

Note

FrontCom® Vario
Insert plates
• IP20



Technical data

Material
Insert, data
Signal insert D-Sub 9-pole / VGA / HDMI
Insert, signal, D-Sub, 25-pole
Insert Power large
Insert Power small
Insert Power US
Insert fuse
Ambient temperature (operational)
Approvals
Note

Ordering data

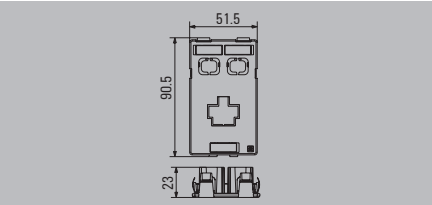
	shielded
	unshielded
Note	

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/female D-Sub, 25-pole, female/male D-Sub, 25-pole, female / solder connection
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	
Inserts, Power	US socket
Fuse inserts	3 A

Note

1 x power, 2 x data



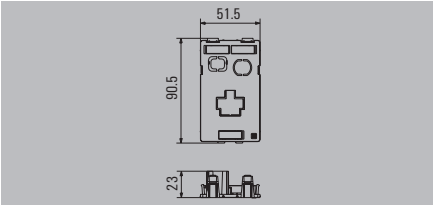
Polykarbonate PC
2
1
-40 °C...70 °C
CURUS; DNV-GL

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

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-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-PWS-US	1	1450800000

Note

1 x power, 1 x 3A fuse, 1 x data



Polykarbonate PC
1
1
-40 °C...70 °C
CURUS

Type	Qty.	Order No.
IE-FC-IP-PWU/1ST/CB	1	1543710000

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-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-PWS-US	1	1450800000
IE-FCI-PWCB-3A	1	1543690000

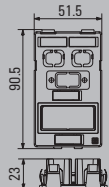
Note

FrontCom® Vario

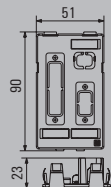
Insert plates

- IP20

2 x data, 2 x signal



1 x data, 2 x signal



Technical data

Material
Insert, data
Signal insert D-Sub 9-pole / VGA / HDMI
Insert, signal, D-Sub, 25-pole
Insert Power large
Insert Power small
Insert Power US
Insert fuse
Ambient temperature (operational)
Approvals

Hinweis

Polykarbonate PC
2
2

-40 °C...70 °C
CURUS; DNV-GL

Polykarbonate PC
1
1
1

-40 °C...70 °C
CURUS; DNV-GL

Ordering data

shielded
unshielded

Note

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

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

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/female
D-Sub, 25-pole, female/male
D-Sub, 25-pole, female / solder connection
VGA coupling
HDMI coupling

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, Power

Type	Qty.	Order No.
IE-FCH-D9-FF	1	1450840000
IE-FCH-D9-FM	1	1450850000
IE-FCH-D9-FS	1	1450870000
IE-FCH-HD15-FF	1	1556290000
IE-FCH-HDMI-FF	1	2003390000

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
------------	---	------------

Type	Qty.	Order No.
IE-FCH-D9-FF	1	1450840000
IE-FCH-D9-FM	1	1450850000
IE-FCH-D9-FS	1	1450870000
IE-FCH-D25-FM	1	1450890000
IE-FCH-D25-FS	1	1450900000
IE-FCH-D25-FF	1	1450880000
IE-FCH-HD15-FF	1	1556290000
IE-FCH-HDMI-FF	1	2003390000

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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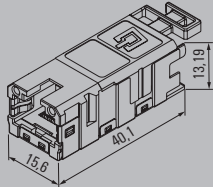
IE-FC-PWPC	1	1450820000
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Data inserts

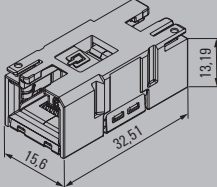
RJ45

- Cat. 6_A
- IP20
- 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

IP67 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

Ordering data

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

Note

Accessories

Tools		
	Optional pressing tool	

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.
PWZ RJ45	1	1118040000

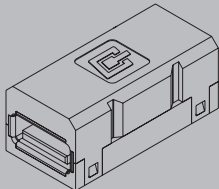
Type	Qty.	Order No.
IE-BI-RJ45-C	10	1962840000

Type	Qty.	Order No.

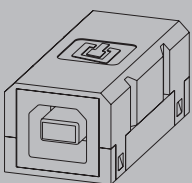
Data - Einsätze
USB

- Cat. 6_A
- IP20
- For housing variants 1, 4, 5, 14 and for FrontCom®

Coupling USB A/A



Coupling USB A/B



Technical data

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

Note

IP67 with housing
360° all-round enclosure
-40 °C...70 °C
USB A / USB A
IEC 61076-3-107
CULUS, DNV-GL

IP67 with housing
360° all-round enclosure
-40 °C...70 °C
USB A / USB B
IEC 61076-3-107
CULUS, DNV-GL

Ordering data

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

Note

Type	Qty.	Order No.
IE-BHUSB-AB	10	1131380000

Accessories

Type	Qty.	Order No.

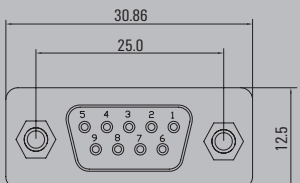
Type	Qty.	Order No.

Note

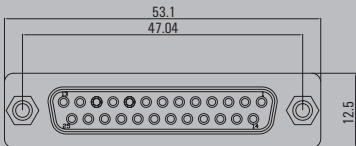
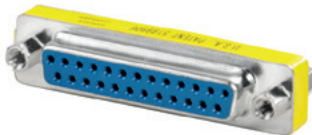
Signal inserts
D-sub

- IP 20

9-pole



25-pole



Technical data

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

Note

IP20
SPCC
9
tin-plated
PBT glass fibre reinforced UL 94 V-0
Gold-plated
≤ 20 mΩ
1000 MΩ at 500 V DC
1 kV_{eff} / 1 min.
-55 °C...105 °C
DNV-GL, UR

IP20
SPCC
25
tin-plated
PBT glass fibre reinforced UL 94 V-0
Gold-plated
≤ 20 mΩ
1000 MΩ at 500 V DC
1 kV_{eff} / 1 min.
-55 °C...105 °C
DNV-GL, UR

Ordering data

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

Note

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

Accessories

Type	Qty.	Order No.

Type	Qty.	Order No.

Note

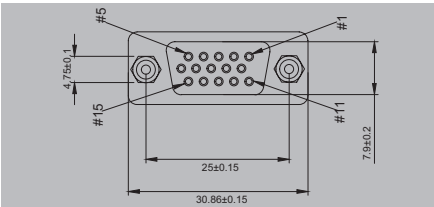
Signal inserts

- IP 20

HDMI



HD15 / VGA



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

Ordering data

Note

Accessories

Hinweis

IP20
PVC casting
9
Gold-plated

-15 °C...50 °C

Type	Qty.	Order No.
IE-FCI-HDMI-FF	1	2003390000

Type	Qty.	Order No.

IP20
25
Gold over nickel

1000 MΩ at 500 V DC
1000 V_{eff} / 1 min
-55 °C...105 °C
GERMLLOYD

Type	Qty.	Order No.
IE-FCI-HD15-FF	1	1556290000

Type	Qty.	Order No.

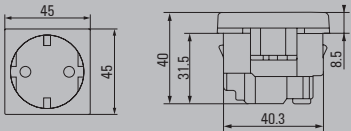
Type overview: Power inserts/sockets

Type	Region	Plug-type	QTY	Order-Number
IE-FCI-PWS-US	USA	Type B	1	1450800000
IE-FCI-PWB-IND	India, South Africa	Type D	1	2500710000
IE-FCI-PWB-CZ	Czechia	Type E	1	2426700000
IE-FCI-PWB-FR	France	Type E	1	1450750000
IE-FCI-PWB-DE	Germany	Type F	1	1450730000
IE-FCI-PWB-GB	Great Britain	Type G	1	1450770000
IE-FCI-PWS-ISR	Israel	Type H	1	2531060000
IE-FCI-PWB-AU-15A	Australia	Type I	1	1450830000
IE-FCI-PWB-AU-10A	Australia	Type I	1	1546590000
IE-FCI-PWB-CN	China	Type I	1	1450790000
IE-FCI-PWB-CH	Schweizterland	Type J	1	1450780000
IE-FCI-PWB-DK	Denmark	Type K	1	2661340000
IE-FCI-PWS-IT	Italy	Type L	1	1450810000

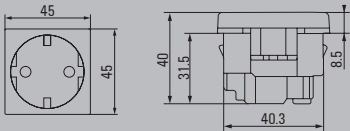
Power inserts
Power sockets

- IP 20

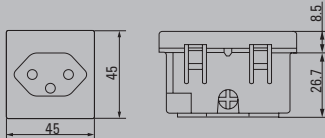
Germany, white



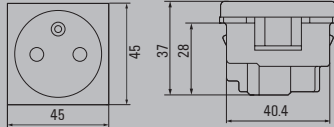
Germany, orange



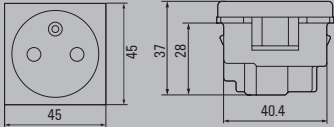
Switzerland



France, white



France, orange



Technical data

Protection degree
Housing main material
Type of connection
Connector Face
Line connection cross-section
finely stranded with wire-end ferrule
finely stranded without wire-end ferrule
finely stranded with wire-end ferrule
finely stranded without wire-end ferrule
Conductor connection cross-section, solid
Stripping length
Rated voltage (AC)
Rated current
Ambient temperature (operational)
Approvals

Note

IP20
Polykarbonate PC
PUSH IN
Typ F

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...40 °C

DNV-GL

IP20
Polykarbonate PC
PUSH IN
Typ F

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...40 °C

DNV-GL

IP20
Polykarbonate PC
PUSH IN
Typ J

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...40 °C

DNV-GL

IP20
Polykarbonate PC
PUSH IN
Typ E

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...40 °C

DNV-GL

IP20
Polykarbonate PC
PUSH IN
Typ E

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...40 °C

DNV-GL

Ordering data

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

Note

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

Accessories

Adapter for terminal rail installation
--

Type	Qty.	Order No.
IE-DINRAIL-AD-PWB	1	2534680000

Type	Qty.	Order No.
IE-DINRAIL-AD-PWB	1	2534680000

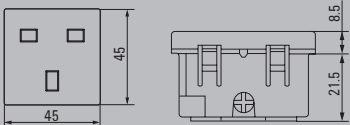
Note

For an overview of the power inserts, see Power inserts/sockets on page 27.

For an overview of the power inserts, see Power inserts/sockets on page 27.

Power inserts
Power sockets
• IP 20

UK



Technical data

Protection degree
Housing main material
Type of connection
Connector Face
Line connection cross-section
finely stranded with wire-end ferrule
finely stranded without wire-end ferrule
finely stranded with wire-end ferrule
finely stranded without wire-end ferrule
Conductor connection cross-section, solid
Stripping length
Rated voltage (AC)
Rated current
Ambient temperature (operational)
Approvals
Note

IP20
Polycarbonate PC
Screw connection
Typ G
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
13 A
-5 °C...40 °C
DNV-GL

Ordering data

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

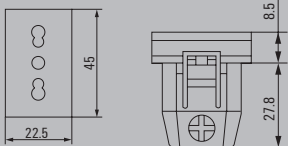
Type	Qty.	Order No.
IE-FCI-PWB-GB	1	1450770000

Accessories

Adapter for terminal rail installation
--

Type	Qty.	Order No.
IE-DINRAIL-AD-PWB	1	2534680000

Italy / Europe

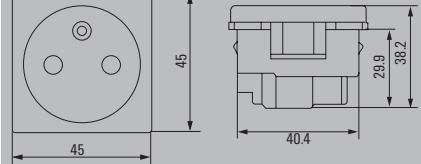


IP20
Polycarbonate PC
Screw connection
Typ L
1,5 ... 2,5 mm²
1,5 ... 4 mm²
1,5 ... 2,5 mm²
1,5 ... 4 mm²
1,5 ... 4 mm²
9 mm
250 V
16 A
-5 °C...40 °C
DNV-GL

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

Type	Qty.	Order No.
IE-DINRAIL-AD-PWB	1	2534680000

Czech Republic

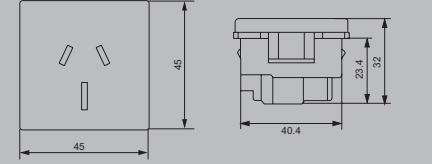


IP20
Polycarbonate PC
PUSH IN
Typ E
1,5 ... 1,5 mm²
1,5 ... 2,5 mm²
1,5 ... 1,5 mm²
1,5 ... 2,5 mm²
1,5 ... 2,5 mm²
12 mm
250 V
16 A
-5 °C...40 °C

Type	Qty.	Order No.
IE-FCI-PWB-CZ	1	2426700000

Type	Qty.	Order No.
IE-DINRAIL-AD-PWB	1	2534680000

Australia, 15 A

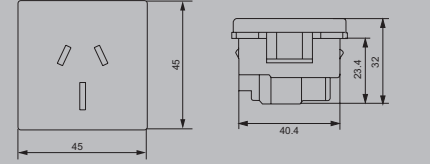


IP20
Polycarbonate PC
Screw connection
Typ I
1,5 ... 2,5 mm²
1,5 ... 4 mm²
1,5 ... 2,5 mm²
1,5 ... 4 mm²
1,5 ... 4 mm²
9 mm
240 V
15 A
-5 °C...40 °C
DNV-GL

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

Type	Qty.	Order No.
IE-DINRAIL-AD-PWB	1	2534680000

Australia, 10 A



IP20
Polycarbonate PC
Screw connection
Typ I
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...40 °C
DNV-GL

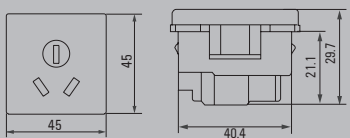
Type	Qty.	Order No.
IE-FCI-PWB-AU-10A	1	1546590000

Type	Qty.	Order No.
IE-DINRAIL-AD-PWB	1	2534680000

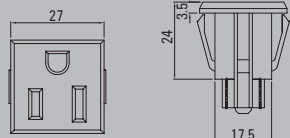
Power inserts
Power sockets

- IP 20

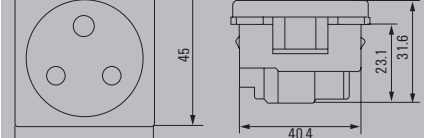
China



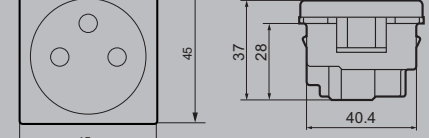
USA



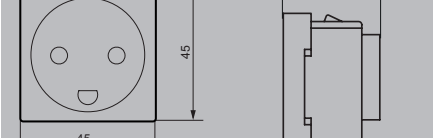
India



Israel



Denmark



Technische Daten

Protection degree	IP20
Housing main material	Polycarbonate PC
Type of connection	Screw connection
Connector face	Typ I
Line connection cross-section	
finely stranded with wire-end ferrule	1,5 ... 2,5 mm²
finely stranded without wire-end ferrule	1,5 ... 4 mm²
finely stranded with wire-end ferrule	1,5 ... 2,5 mm²
finely stranded without wire-end ferrule	1,5 ... 4 mm²
Conductor connection cross-section, solid	1,5 ... 4 mm²
Stripping length	9 mm
Rated voltage (AC)	250 V
Rated current	10 A
Ambient temperature (operational)	-5 °C...40 °C
Approvals	DNV-GL
Note	

Ordering data

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

Accessories

Type	Qty.	Order No.
IE-DINRAIL-AD-PWB	1	2534680000
Flat blade connector, 6.5 mm, straight, fully insulated		

IP20
PA 66
Solder connection, FS 4.8 x 0.8
Typ B
125 V
15 A
-20 °C...85 °C
DNV-GL

Type	Qty.	Order No.
IE-FCI-PWS-US	1	1450800000
For US socket the touch-safe protection is mandatory		

Type	Qty.	Order No.
VFSKHV/1,5-2,5/485	100	1491920000

IP20
Polycarbonate PC
Screw connection
Typ D
1,5 ... 2,5 mm²
1,5 ... 2,5 mm²
1,5 ... 4 mm²
9 mm
250 V
13 A
-5 °C...40 °C

Type	Qty.	Order No.
IE-FCI-PWB-IND	1	2500710000

Type	Qty.	Order No.
IE-DINRAIL-AD-PWB	1	2534680000

IP20
PP
Screw connection
Typ H
1,5 ... 1,5 mm²
1,5 ... 1,5 mm²
1,5 ... 2,5 mm²
11 mm
250 V
16 A
-5 °C...40 °C

Type	Qty.	Order No.
IE-FCI-PWB-ISR	1	2531060000

Type	Qty.	Order No.
IE-DINRAIL-AD-PWB	1	2534680000

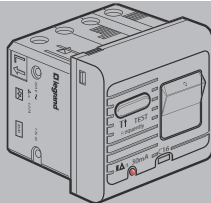
IP20
Polykarbonate PC
PUSH IN
Typ K
1,5 ... 1,5 mm²
1,5 ... 2,5 mm²
1,5 ... 1,5 mm²
1,5 ... 2,5 mm²
1,5 ... 2,5 mm²
13 mm
250 V
13 A
-5 °C...40 °C

Type	Qty.	Order No.
IE-FCI-PWB-DK	1	2661340000

Type	Qty.	Order No.
IE-DINRAIL-AD-PWB	1	2534680000

Power inserts
RCBO
• IP 20

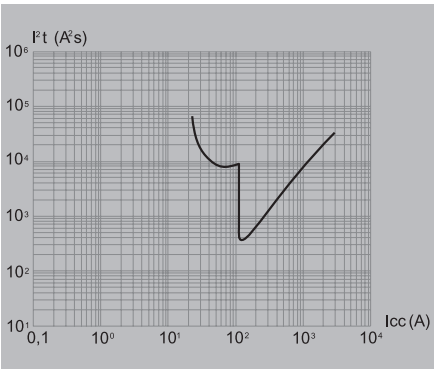
RCBO



Technical data

Ambient temperature (operational)
Operating voltage
Rated current
I Δ m
I Δ n
Triggering characteristic
Type of connection
Line connection cross-section
finely stranded with wire-end ferrule
finely stranded with wire-end ferrule
Conductor connection cross-section, solid

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



Ordering data

Note

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

Accessories

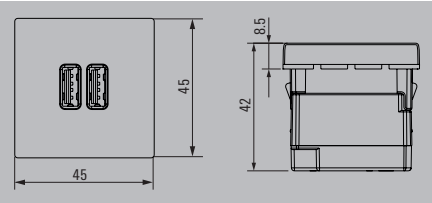
Adapter for terminal rail installation

Type	Qty.	Order No.
IE-DINRAIL-AD-PWB	1	2534680000

Note

Power inserts
USB charge insert
• IP 20

USB-Charger 5 V / 2.4 A



Technical data

Ambient temperature (operational)
Input voltage
Frequency range
Input current
Output voltage
Output current
Degree of efficiency
Power consumption in standby mode
Standards
Class of protection
Housing main material
Type of connection
Line connection cross-section
finely stranded with wire-end ferrule
finely stranded with wire-end ferrule
Conductor connection cross-section, solid
Stripping length

0 °C...45 °C
220...240 V AC
50...60 Hz
≤ 300 mA
5 V DC
2.4 A
81 %
max. 0.1 W
EN 60950-1, EN 62884, EN 50558
II
Polycarbonate PC
Screw connection
1.5 ... 2.5 mm²
1.5 ... 2.5 mm²
1.5 ... 2.5 mm²
6 mm

Note

Ordering data

Note

Type	Qty.	Order No.
IE-FCI-PWB-2USB-A-5V	1	2505070000

Accessories

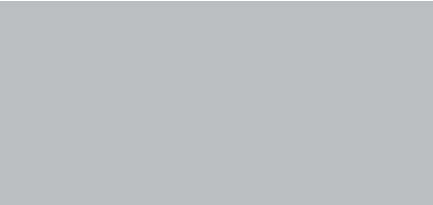
Adapter for terminal rail installation

Type	Qty.	Order No.
IE-DINRAIL-AD-PWB	1	2534680000

Note

3A fuse

- IP 20



Technical data

Operating voltage
Rated current
Type of connection

Note

Ordering data

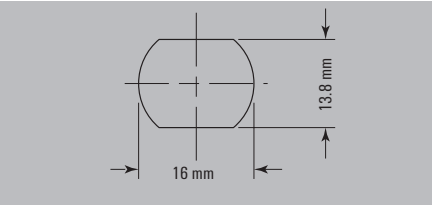
Note

Accessories

Flat blade connector, 6.5 mm
angled
straight

Note

3A fuse



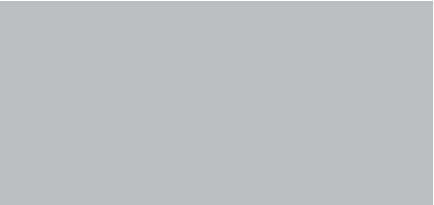
32 V DC, 250 V AC
3 A
Flat-blade receptacles 6.5 mm

Type	Qty.	Order No.
IE-FCI-PWCB-3A	1	1543690000

Type	Qty.	Order No.
WFSKHV/1,5-2,5	100	1491970000
VFSKHV/1,5-2,5/638	100	1491940000

Sets

- shielded



Technical data

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

Note

Ordering data

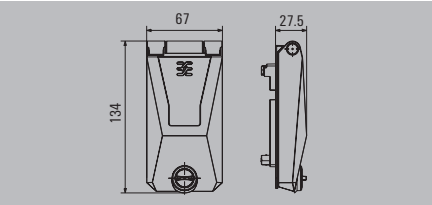
Note

Accessories

Note

2x Data 1x Power DE

Plastic cover



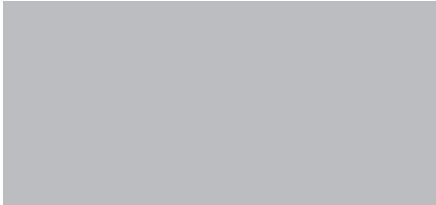
Plastic cover
2x data, 1x power, Shielded
USB 2.0 A/A, RJ45 coupling Cat.6_A
Socket DE
250 V
16 A
IP 65 in enclosed state
1450510000;1450550000;1450730000;1019570000;
1962840000

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

Type	Qty.	Order No.

Sets

Incl. preprinted markers: „Service only!“, „USB“, „Ethernet“, „230 V / AC“



Technical data

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

Note

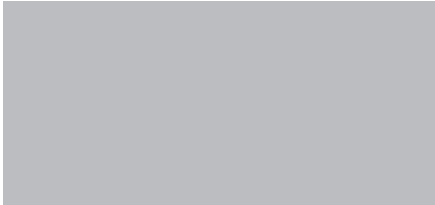
Ordering data

shielded
unshielded

Note

Accessories

2x Data, 1x Power

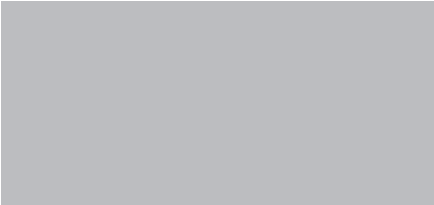


Plastic cover, Lockable with key
2x data, 1x power, Shielded
USB 2.0 A/A, RJ45 coupling Cat.6_A
Socket DE
250 V
16 A
IP 65 in enclosed state
1450520000;1450550000;1450730000;1019570000;
1962840000;1450820000

Type	Qty.	Order No.
IE-FC-SET-SPDEK001-KY-P	1	1989020000

Type	Qty.	Order No.

2x Data, 1x Power



Plastic cover, Lockable with key
2x data, 1x power, Unshielded
USB 2.0 A/A, RJ45 coupling Cat.6_A
Socket DE
250 V
16 A
IP 65 in enclosed state
1450520000;1450630000;1450730000;1019570000;
1962840000;1450820000

Type	Qty.	Order No.
IE-FC-SET-IPDEK001-KY-P	1	1543680000

Type	Qty.	Order No.

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