

PCE

Connection
to the future

Plugs and socket outlets



Plugs and socket outlets - Series P-Nova and Taurus

P-Nova

The socket outlet with earthing contact Page **126**



Nautilus

watertight flanged sockets Page **138**



Top Taurus

Plug and connector systems Page **142**



Taurus

Plug and connector systems Page **144**



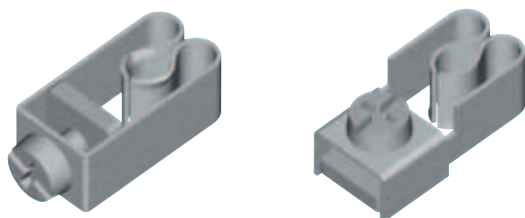
The socket outlet with earthing contact

The „P-Nova“ socket outlet with earthing contact is characterized in particular by its:

- robust construction based on high-grade polyamide, 
- screwless connection technology or screw contact system (connection from the rear or the side)
- various flange sizes
- four-point mounting



Screw contact system



Connection from the rear Connection from the side

Screwless connection technology



With spring-clamp (screwless)
Connection from the rear

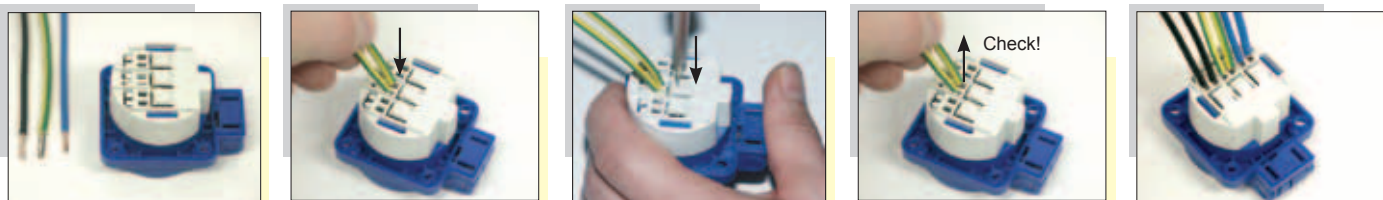
Technical data

-  IP54
- flange dimensions: 50x50 as standard (70x70 and 75x75 as special designs also available)
- hinged lid with wide opening angle
- high closing pressure on hinged lid
- child protection (optional)

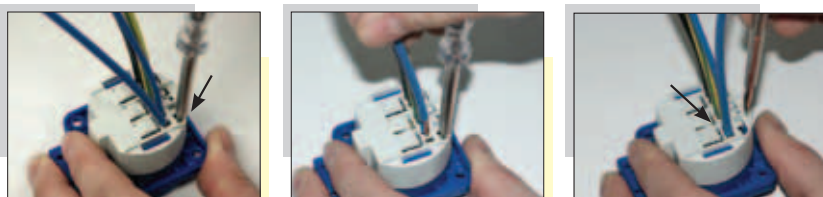
Spring-clamp connection technology

- spring-clamp with connection from the rear
- pre-tensioned release mechanism - no tool needed for initial connection
- connection without an end sleeve possible
- double connection through independent spring-clamps for wiring through

Connection



Re-connection

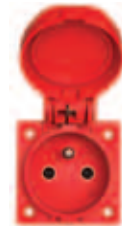


P-Nova plus

– Product features

- + **minimized contact carrier**
for mounting in narrow surroundings (cable rollers)
- + **optimum screw contacts**
- + **open contact screws**
- + **hinged lid with wide opening angle, high closing pressure**
- + **flange size 50x50mm**
(thinner flange, no separate gasket necessary)
- + **fixing center 38x38mm (fourpoint-mounting with countersunk screw)**
- + **IP54 splashproof,**
- + **high stability by single-part housing**
(also in case of shutter!)
- + **robust construction based on highgrade polyamide 6**
- + **optional: approved child protection for all types**
- + **Austrian/German versions according to DIN VDE 0620-1st of February 2010**
- + **Minimum quantity for ordering special versions: 1.000 pieces**

Child protection (shutter)



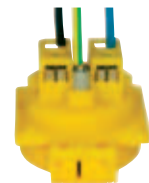
Belgian/French standard

Earth pin with single part terminal (also available in version with shutter)

Screw contact systems



Connection from the side



Connection from the rear



All plugs and sockets (acc. to DIN 49440) are available in grey, red, yellow, black and white (blue = standard)

P-Nova: Special versions are available on request, e.g.:
 with side connection and child protection
 with glass fiber reinforced contact holes (GF)*
 with side connection and (GF)*
 with child protection and (GF)*
 with side connection, child protection and (GF)*

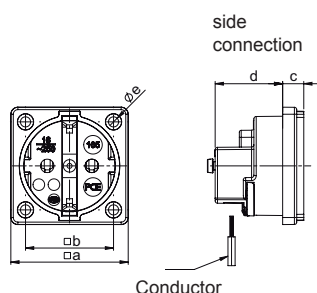
Minimum quantity for ordering special versions: 1.000 pieces

* (gf) = glass fiber reinforced contact holes



Plugs and socket outlets (DIN 49440)

Flanged sockets conforming to Austrian/German standards

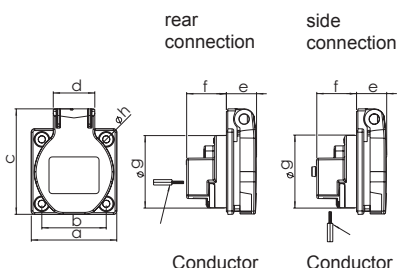


Socket outlet (DIN 49440) Austrian/German version

	• STANDARD •
	16 Amp
Poles	2P + E
a	50
b	37,5
c	9
d	29
e	4,3
Kind of connection:	Screwed contact
Wire flexible [mm²]	1 - 2x2,5
solid [mm²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	34

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP20

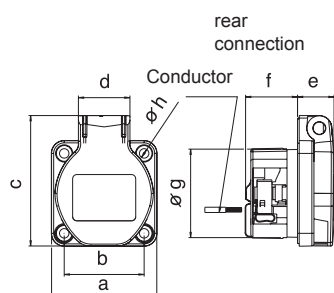


Socket outlet (DIN 49440) Austrian/German version

	• STANDARD •
	16 Amp
Poles	2P + E
a	50
b	38
c	62
d	25
e	18
f	24
g	43
h	4,2
Kind of connection:	Screwed contact
Wire flexible [mm²]	1 - 2x2,5
solid [mm²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof 

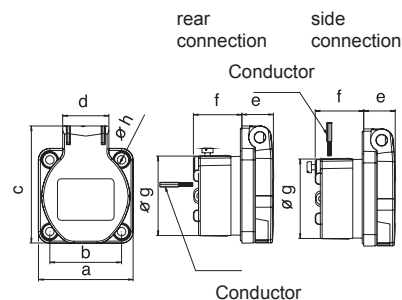


Socket outlet (DIN 49440) Austrian/German version

	• STANDARD •	• SPECIAL •	
	16 Amp	16 Amp	
Poles	2P + E	2P + E	2P + E
a	50	70	75
b	38	56	60
c	62	72	75
d	25	25	25
e	17	17	17
f	26	26	26
g	43	43	43
h	4,2	5,5	5,5
Kind of connection:	Screwless		
Wire flexible [mm²]	1 - 2x2,5		
solid [mm²]	1 - 2x2,5		
Weight [g]	43	48	49

- screwless connection technology
- housing material: PA6
- contacts: nickel-plated contacts
- rear connection

IP54 splashproof 



Socket outlet (DIN 49440) Austrian/German version

	• STANDARD •	• SPECIAL •	
	16 Amp	16 Amp	
Poles	2P + E	2P + E	2P + E
a	50	70	75
b	38	56	60
c	62	72	75
d	25	25	25
e	17	17	17
f	26	26	26
g	43	43	43
h	4,2	5,5	5,5
Kind of connection:	Screwed contact		
Wire flexible [mm²]	1 - 2x2,5		
solid [mm²]	1 - 2x2,5		
Contact screws [Ncm]	80		
Weight [g]	45	50	51

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof 

Amp.	Poles	pack. unit	Abbreviations/Types	Cat.No.	Cat.No.	Cat.No.
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16	3	100
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„SC“ side connection, with child-protection (shutter) 10584-0wsc

new!



10584-0wsc

16	3	100
16	3	100
16	3	100
16	3	100



rear connection (standard)

„S“ side connection

„C“ with child-protection (shutter)

„SC“ side connection, with child-protection (shutter)

1050-0b

1050-0bs

1050-0bc

1050-0bsc



1050-0b

16	3	100
16	3	100



rear connection (standard)

„C“ with child-protection (shutter)

109-0b

109-0bc

109-7b

109-7bc

109-8b

109-8bc



109-0b
Flange = 50x50



109-8b
Flange = 75x75

16	3	100
16	3	100
16	3	100



rear connection (standard)

„S“ side connection

„C“ with child-protection (shutter)

105-0b

105-0bs

105-0bc

105-7b

105-7bs

105-7bc

105-8b

105-8bs

105-8bc



105-0b
Flange = 50x50

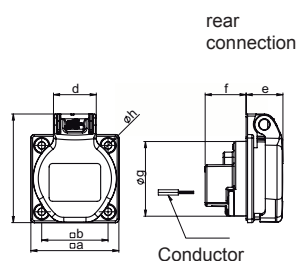
Special versions are available on request. For more information about our ordering system, please have a look on page 127.

Minimum quantity for ordering special versions: 1.000 pieces



Plugs and socket outlets (DIN 49440)

Flanged sockets conforming to Austrian/German standards for portable use

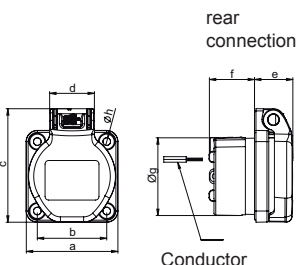


Socket outlet (DIN 49440) Austrian/German version

	• STANDARD •
	16 Amp
Poles	2P + E
a	50
b	38
c	62
d	25
e	22
f	24
g	43
h	4,2
Kind of connection:	Screwed contact
Wire flexible [mm²]	1 - 2x2,5
solid [mm²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

- with sealing bulge
- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof

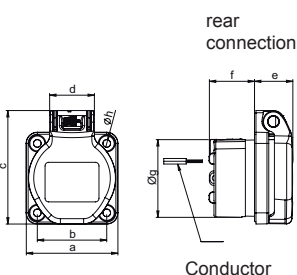


Socket outlet (DIN 49440) Austrian/German version

	• STANDARD •	• SPECIAL •	
	16 Amp	16 Amp	
Poles	2P + E	2P + E	2P + E
a	50	70	75
b	38	56	60
c	62	72	75
d	25	25	25
e	21	21	21
f	26	26	26
g	43	43	43
h	4,2	5,5	5,5
Kind of connection:	Screwless		
Wire flexible [mm²]	1 - 2x2,5		
solid [mm²]	1 - 2x2,5		
Weight [g]	44	49	50

- with sealing bulge
- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof



Socket outlet (DIN 49440) Austrian/German version

	• STANDARD •	• SPECIAL •	
	16 Amp	16 Amp	
Poles	2P + E	2P + E	2P + E
a	50	70	75
b	38	56	60
c	62	72	75
d	25	25	25
e	21	21	21
f	26	26	26
g	43	43	43
h	4,2	5,5	5,5
Kind of connection:	Screwless		
Wire flexible [mm²]	1 - 2x2,5		
solid [mm²]	1 - 2x2,5		
Weight [g]	46	51	52

- with sealing bulge
- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof

Plugs and socket outlets (DIN 49440) for portable use subject to the standard DIN VDE 0620-1:2010 and ÖVE/ÖNORM EA 8684-2-2:2010 (Plugs and sockets for household and similar applications).
Examples for portable use: mobile distribution boxes and cable reels.

Remark: Version for Germany and Austria



STANDARD

250V~

50/60Hz
Flange
50x50

SPECIAL

250V~

50/60Hz
Flange
70x70

SPECIAL

250V~

50/60Hz
Flange
75x75

PCE

Amp.
Poles
pack.
unit

Abbreviations/Types

Cat.No.

Cat.No.

Cat.No.

16 3 100



rear connection, with sealing bulge

1050-0bw

new!



1050-0bw

16 3 100



rear connection, with sealing bulge

109-0bw

109-7bw

109-8bw

new!



109-0bw

16 3 100



rear connection, with sealing bulge

105-0bw

105-7bw

105-8bw

new!



105-0bw

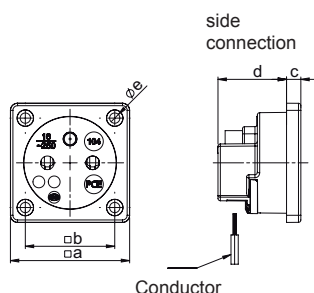
Explanation:

The prescribed standard of the sealing bulge is highlighted in red in the picture bellow.



Plugs and socket outlets (DIN 49440)

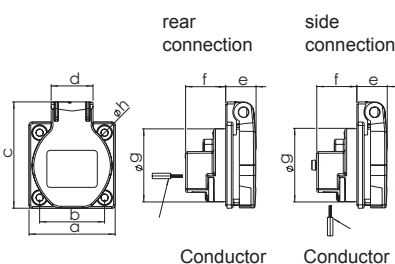
Flanged sockets conforming to Belgian/French standards



	• STANDARD •
	16 Amp
Poles	2P + E
a	50
b	37,5
c	6
d	29
e	4,3
Kind of connection:	Screwed contact
Wire flexible [mm ²]	1 - 2x2,5
solid [mm ²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	34

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP20

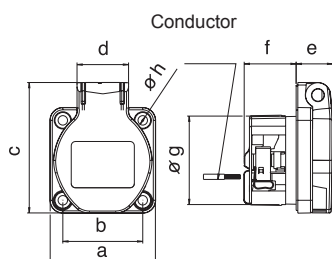


Socket outlet Belgian/French version

	• STANDARD •
	16 Amp
Poles	2P + E
a	50
b	38
c	62
d	25
e	18
f	24
g	43
h	4,2
Kind of connection:	Screwed contact
Wire flexible [mm ²]	1 - 2x2,5
solid [mm ²]	1 - 2x2,5
Contact screws [Ncm]	80
Weight [g]	45

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof

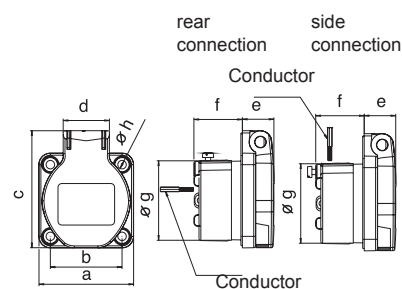


Socket outlet Belgian/French version

	•STANDARD•	• SPECIAL •	
	16 Amp	16 Amp	
Poles	2P + E	2P + E	2P + E
a	50	70	75
b	38	56	60
c	62	72	75
d	25	25	25
e	17	17	17
f	26	26	26
g	43	43	43
h	4,2	5,5	5,5
Kind of connection:	Screwless		
Wire flexible [mm ²]	1 - 2x2,5		
solid [mm ²]	1 - 2x2,5		
Weight [g]	43	48	49

- screwless connection technology
- housing material: PA6
- contacts: nickel-plated contacts
- rear connection

IP54 splashproof



Socket outlet Belgian/French version

	•STANDARD•	• SPECIAL •	
	16 Amp	16 Amp	
Poles	2P + E	2P + E	2P + E
a	50	70	75
b	38	56	60
c	62	72	75
d	25	25	25
e	17	17	17
f	26	26	26
g	43	43	43
h	4,2	5,5	5,5
Kind of connection:	Screwed contact		
Wire flexible [mm ²]	1 - 2x2,5		
solid [mm ²]	1 - 2x2,5		
Contact screws [Ncm]	80		
Weight [g]	45	50	51

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

IP54 splashproof

250V~
50/60Hz
Flange
50x50

250V~
50/60Hz
Flange
70x70

250V~
50/60Hz
Flange
75x75

Amp.
Poles
pack.
unit

Abbreviations/Types

Cat.No.

Cat.No.

Cat.No.

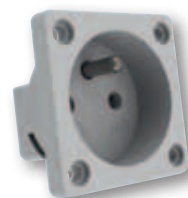
16 3 100



„sc“ side connection, with child-protection (shutter)

10484-0wsc

new!



10484-0wsc

16 3 100
16 3 100
16 3 100
16 3 100



rear connection (standard)

„s“ side connection

„c“ with child-protection (shutter)

„sc“ side connection, with child-protection (shutter)

1040-0b

1040-0bs

1040-0bc

1040-0bsc



1040-0b

16 3 100
16 3 100



rear connection (standard)

„c“ with child-protection (shutter)

108-0b

108-0bc

108-7b

108-7bc

108-8b

108-8bc



108-0b
Flange = 50x50

16 3 100
16 3 100
16 3 100
16 3 100



rear connection (standard)

„s“ side connection

„c“ with child-protection (shutter)

„sc“ side connection, with child-protection

104-0b

104-0bs

104-0bc

104-0bsc

104-7b

104-7bs

104-7bc

104-7bsc

104-8b

104-8bs

104-8bc

104-8bsc



104-0b
Flange = 50x50

Special versions are available on request. For more information about our ordering system, please have a look on page 127.

Minimum quantity for ordering special versions: 1.000 pieces

