



# CEE-PLUGS



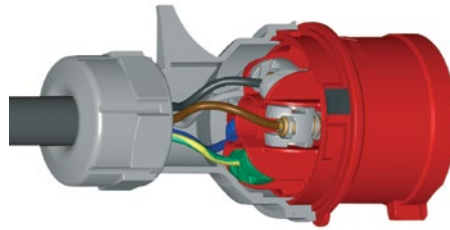
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# LOW VOLTAGE DEVICES

## CEE PLUG CONNECTIONS

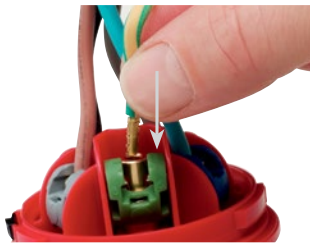
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## 1 SCREWLESS CONNECTION TECHNOLOGY

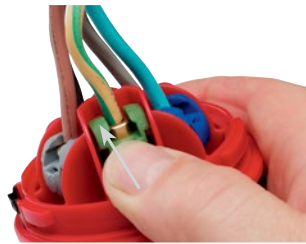


- Saves time during mounting
- Screwless plug2power terminals
- Open contact terminals in delivered state
- Quick and easy infeed of the cable
- Closing and opening the contact terminal with the press of a finger
- Simple connection with colour coded clamps
- Maintenance-free and wear-free contacts

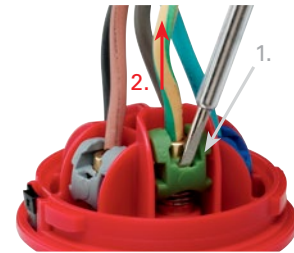
## 2 FAST MOUNTING / REMOVING



Mounting:  
insert cable

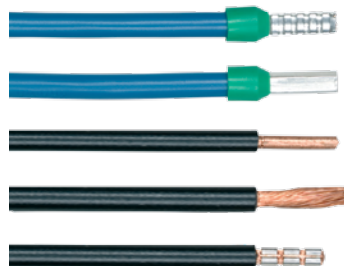


Close terminal



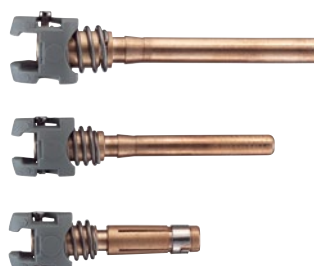
Removing:  
Open terminal using a screwdriver,  
pull out the cable

## 3 SUITABLE FOR ALL CABLE ENDS



- With or without ferrules
- Single wire stripped wires

## 4 RECORDING OF ALL CABLE CROSS-SECTIONS ACCORDING TO STANDARD



- 16 A: up to 2.5 mm<sup>2</sup> flexible, up to 4 mm<sup>2</sup> single wire
- 32 A: up to 6.0 mm<sup>2</sup> flexible, up to 10 mm<sup>2</sup> single wire
- For difficult conditions
- High tensile strength
- Shock-proof and vibration-resistant

## 5 TOOL-LESS ASSEMBLY



- Multi-ramp locking system
- Simple mounting, turning the connection housing locks it in place:
- 1. Put the "OPEN" labels of the top and bottom opposite each other and plug the top onto the bottom
- 2. Turn the top to the right until it locks in place

## 6 CONNECTING TERMINALS

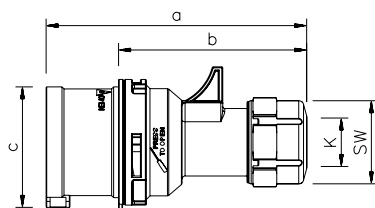


The tunnel terminals are designed for the following maximum conductor crosssections:

NOMINAL CURRENT		CONDUCTOR CROSS-SECTION	
A	flexible mm <sup>2</sup>	Stiff (single/multiple wire) mm <sup>2</sup>	
16	4	6	
32	6	10	
63	16	25	
125	50	70	

# CEE PLUGS

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5	3	4	5
AMPERE	16			32		

a	118	124	131	146	146	152
b	82	88	95	100	100	106
c	47	53	61	63	63	70
K	6-15	6-15	8-16	10-20	10-20	12-22
SW	38	38	42	50	50	50
Weight [g/each]	104	127	150	181	200	230



## PLUG

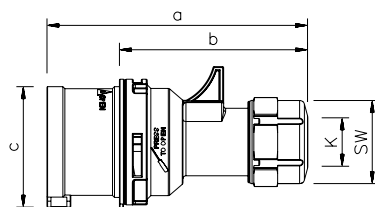
splash-proof IP44

- screw terminals
- quick release locking system (turn2fix)

All plugs are also available with **nickel-plated** contacts. Add a "V" instead of the second "S" to the Item number e.g. S31V10.

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	S31S10	S31S20	S31S30		S31S50	S31S80	S31S90	10
16	4	S41S10	S41S20	S41S30	S41S40	S41S50	S41S80	S41S90	10
16	5	S51S10	S51S20	S51S30		S51S50	S51S80	S51S90	10
32	3	S32S10	S32S20	S32S30		S32S50	S32S80	S32S90	10
32	4	S42S10	S42S20	S42S30	S42S40	S42S50	S42S80	S42S90	10
32	5	S52S10	S52S20	S52S30		S52S50	S52S80	S52S90	10



POLES	3	4	5	3	4	5
AMPERE	16			32		

a	118	124	131	146	146	152
b	82	88	95	100	100	106
c	47	53	61	63	63	70
K	6-15	6-15	8-16	10-20	10-20	12-22
SW	38	38	42	50	50	50
Weight [g/each]	110	135	158	187	208	242



## PLUG

splash-proof IP44

- screwless connection technology (plug2power)
- quick release locking system (turn2fix)

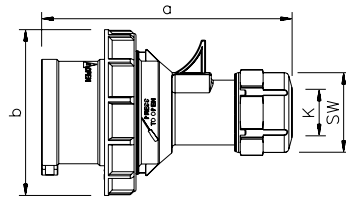
All plugs are also available with **nickel-plated** contacts. Add a "V" instead of the second "S" to the Item number e.g. S31V10.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	S31SL10	S31SL20	S31SL30	S31SL50	S31SL80	S31SL90	10
16	4	S41SL10	S41SL20	S41SL30	S41SL50	S41SL80	S41SL90	10
16	5	S51SL10	S51SL20	S51SL30	S51SL50	S51SL80	S51SL90	10
32	3	S32SL10	S32SL20	S32SL30	S32SL50	S32SL80	S32SL90	10
32	4	S42SL10	S42SL20	S42SL30	S42SL50	S42SL80	S42SL90	10
32	5	S52SL10	S52SL20	S52SL30	S52SL50	S52SL80	S52SL90	10

# CEE PLUGS

according to IEC 60309, EN 60309, VDE 0623



turn2fix

## PLUG

watertight IP67

- screw terminals
- quick release locking system (turn2fix)

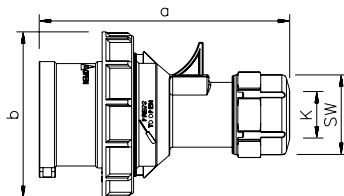
All plugs are also available with **nickel-plated** contacts. Add a "V" instead of the second "S" to the Item number e.g. S31V15.

POLES	3	4	5	3	4	5
AMPERE	16			32		

a	118	124	131	146	146	152
b	71	79	87	93	93	100
K	6-15	6-15	8-16	10-20	10-20	12-22
SW	38	38	42	50	50	50
Weight [g/each]	122	147	172	210	230	263

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	S31S15	S31S25	S31S35		S31S55	S31S85	S31S95	10
16	4	S41S15	S41S25	S41S35	S41S45	S41S55	S41S85	S41S95	10
16	5	S51S15	S51S25	S51S35		S51S55	S51S85	S51S95	10
32	3	S32S15	S32S25	S32S35		S32S55	S32S85	S32S95	10
32	4	S42S15	S42S25	S42S35	S42S45	S42S55	S42S85	S42S95	10
32	5	S52S15	S52S25	S52S35		S52S55	S52S85	S52S95	10



plug2power turn2fix

## PLUG

watertight IP67

- screwless connection technology(plug2power)
- quick release locking system (turn2fix)

All plugs are also available with **nickel-plated** contacts. Add a "V" instead of the second "S" to the Item number e.g. S31VL15.

POLES	3	4	5	3	4	5
AMPERE	16			32		

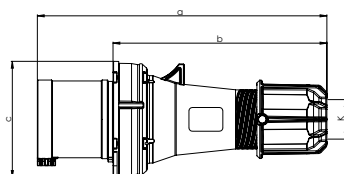
a	118	124	131	146	146	152
b	71	79	87	93	93	100
K	6-15	6-15	8-16	10-20	10-20	12-22
SW	38	38	42	50	50	50
Weight [g/each]	128	155	180	216	238	275

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	S31SL15	S31SL25	S31SL35	S31SL55	S31SL85	S31SL95	10
16	4	S41SL15	S41SL25	S41SL35	S41SL55	S41SL85	S41SL95	10
16	5	S51SL15	S51SL25	S51SL35	S51SL55	S51SL85	S51SL95	10
32	3	S32SL15	S32SL25	S32SL35	S32SL55	S32SL85	S32SL95	10
32	4	S42SL15	S42SL25	S42SL35	S42SL55	S42SL85	S42SL95	10
32	5	S52SL15	S52SL25	S52SL35	S52SL55	S52SL85	S52SL95	10

# CEE PLUGS

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5
AMPERE	63		

a	257	257	257
b	190	190	190
c	102	102	102
K	14,5-36	14,5-36	14,5-36
Weight [g/each]	500	549	603

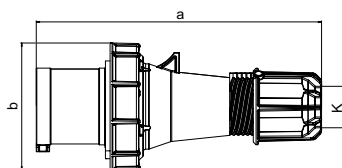
## PLUG

splash-proof IP44

- HighPower version
- nickel-plated contacts with pilot contact
- screw terminals

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
63	3	S33S10	S33S20	S33S30		S33S50	S33S80	S33S90	2
63	4	S43S10	S43S20	S43S30	S43S40	S43S50	S43S80	S43S90	2
63	5	S53S10	S53S20	S53S30		S53S50	S53S80	S53S90	2



POLES	3	4	5	3	4	5
AMPERE	63			125 A		

a	257	257	257	270	270	270
b	114	114	114	131	131	131
K	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
Weight [g/each]	547	596	650	1318	1433	1545

## PLUG

watertight IP67

- HighPower version
- nickel-plated contacts with pilot contact
- screw terminals

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
63	3	S33S15	S33S25	S33S35		S33S55	S33S85	S33S95	2
63	4	S43S15	S43S25	S43S35	S43S45	S43S55	S43S85	S43S95	2
63	5	S53S15	S53S25	S53S35		S53S55	S53S85	S53S95	2
125	3	S34S15	S34S25	S34S35		S34S55	S34S85	S34S95	2
125	4	S44S15	S44S25	S44S35	S44S45	S44S55	S44S85	S44S95	2
125	5	S54S15	S54S25	S54S35		S54S55	S54S85	S54S95	2



# CEE ANGLE PLUGS

according to IEC 60309, EN 60309, VDE 0623



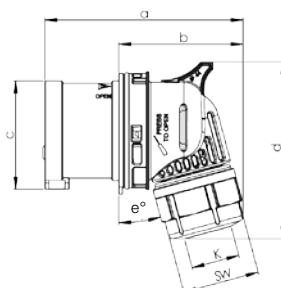
**turn2fix**

## ANGLE PLUG

splash-proof IP44

- quick release locking system (turn2fix)
- screw terminals

The angle plug is also available with **nickel-plated** contacts. Add a "V" instead of the second "S" to the Item number e.g. S51V32.



POLES	3	5
AMPERE	16	

a	96	108
b	59	71
c	47	61
d	82	99
e°	15	20
K	6 - 15	8 - 16
SW	38	42
Weight (g/each)	110	158

VOLTAGE	230 V~	400 V~
FREQUENCY	50/60 Hz	50/60 Hz
DESIGNATION	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h

AMPERE	POLES	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	S31S22		10
16	5		S51S32	10



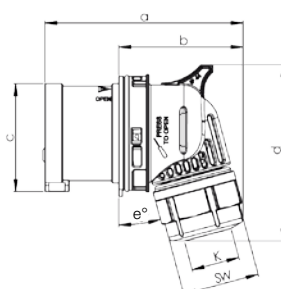
**plug2power turn2fix**

## ANGLE PLUG

splash-proof IP44

- screwless connection technology (plug2power)
- quick release locking system (turn2fix)

The angle plug is also available with **nickel-plated** contacts. Add a "V" instead of the second "S" to the Item number e.g. S51VL32.



POLES	3	5
AMPERE	16	

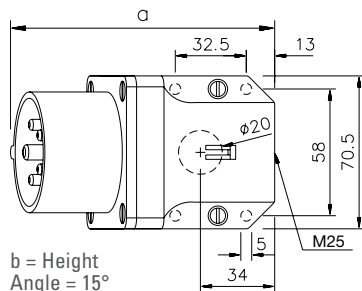
a	96	108
b	59	71
c	47	61
d	82	99
e°	15	20
K	6 - 15	8 - 16
SW	38	42
Weight (g/each)	113	163

VOLTAGE	230 V~	400 V~
FREQUENCY	50/60 Hz	50/60 Hz
DESIGNATION	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h

AMPERE	POLES	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	S31SL22		10
16	5		S51SL32	10

# CEE WALL-MOUNTED INLETS

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5	3	4	5
AMPERE	16			32		

a	121	121	123	131	131	132
b	76	76	79	83	83	86
Weight [g/each]	176	195	213	231	251	274

## WALL-MOUNTED INLET

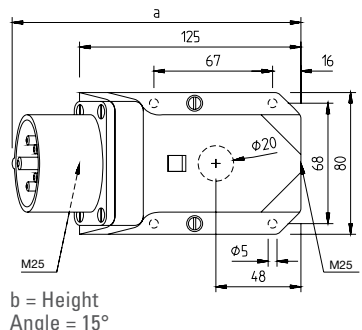
splash-proof IP44

- cable entry from above or behind
- including self-sealing grommet

All wall-mounted inlets are also available with **nickel-plated** contacts.  
Add a "V" instead of the "S" to the Item number e.g. G31V10.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	G31S10	<b>G31S20</b>	G31S30	G31S50	G31S80	G31S90	10
16	4	G41S10	G41S20	G41S30	G41S50	G41S80	G41S90	10
16	5	G51S10	G51S20	<b>G51S30</b>	G51S50	G51S80	G51S90	10
32	3	G32S10	G32S20	G32S30	G32S50	G32S80	G32S90	10
32	4	G42S10	G42S20	G42S30	G42S50	G42S80	G42S90	10
32	5	G52S10	G52S20	<b>G52S30</b>	G52S50	G52S80	G52S90	10



POLES	3	4	5	3	4	5
AMPERE	16			32		

a	162	162	164	172	172	174
b	115	115	117	119	119	122
M	2 x 25	2 x 25	2 x 25	2 x 25	2 x 25	2 x 25
Weight [g/each]	284	294	314	332	352	375

## WALL-MOUNTED INLET

splash-proof IP44

- can be looped through
- cable entry above, below or behind
- including self-sealing grommet

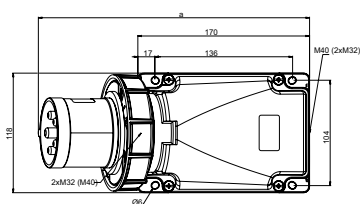
All wall-mounted inlets are also available with nickel-plated contacts.  
Add a "V" instead of the "S" to the Item number e.g. G31V12.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	G31S12	<b>G31S22</b>	G31S32	G31S52	G31S82	G31S92	5
16	4	G41S12	G41S22	G41S32	G41S52	G41S82	G41S92	5
16	5	G51S12	G51S22	<b>G51S32</b>	G51S52	G51S82	G51S92	5
32	3	G32S12	<b>G32S22</b>	G32S32	G32S52	G32S82	G32S92	5
32	4	G42S12	G42S22	G42S32	G42S52	G42S82	G42S92	5
32	5	G52S12	G52S22	<b>G52S32</b>	G52S52	G52S82	G52S92	5

# CEE WALL-MOUNTED INLETS

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5
AMPERE	63		

a	271	271	271
b	175	175	175
Weight [g/each]	812	864	914

b = Height, Angle = 15°

## WALL-MOUNTED INLET

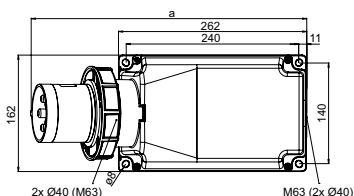
watertight IP67

- HighPower version
- nickel-plated contacts with pilot contact
- screw terminals
- cable entry above, below or behind
- housing can be rotated 180°
- including blank screw connection

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
63	3	G33S15	G33S25	G33S35	G33S55	G33S85	G33S95	2
63	4	G43S15	G43S25	G43S35	G43S55	G43S85	G43S95	2
63	5	G53S15	G53S25	G53S35	G53S55	G53S85	G53S95	2

Watertight cap see page 64



POLES	3	4	5
AMPERE	125		

a	387	387	387
b	209	209	209
Weight [g/each]	1760	1800	1840

b = Height, Angle = 15°

## WALL-MOUNTED INLET

watertight IP67

- HighPower version
- nickel-plated contacts with pilot contact
- screw terminals
- cable entry above, below or behind
- housing can be rotated 180°
- including blank screw connection

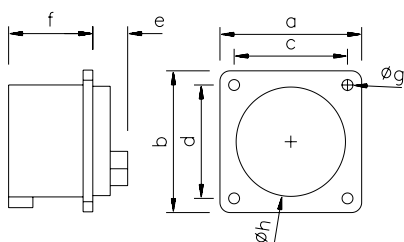
VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
125	3	G34S15	G34S25	G34S35	G34S55	G34S85	G34S95	1
125	4	G44S15	G44S25	G44S35	G44S55	G44S85	G44S95	1
125	5	G54S15	G54S25	G54S35	G54S55	G54S85	G54S95	1

Watertight cap see page 64

# CEE APPLIANCE INLETS

according to IEC 60309, EN 60309, VDE 0623



a with Flange 75 x 75 mm,  
b with Flange 70 x 70 mm

POLES	5 <sup>a</sup>	5 <sup>a</sup>	3 <sup>b</sup>	4 <sup>b</sup>	5 <sup>b</sup>	3 <sup>b</sup>	4 <sup>b</sup>	5 <sup>b</sup>
AMPERE	16	32	16			32		

a and b	75	75	70	70	70	70	70	70
c and d	60	60	56	56	56	56	56	56
e	26	30	25	25	26	30	30	30
f	42	50	41	41	42	50	50	50
g	5	5	5	5	5	5	5	5
h	54	55	43	43	55	55	55	55
Weight [g/each]	120	181	87	100	112	140	160	178

## APPLIANCE INLET, STRAIGHT

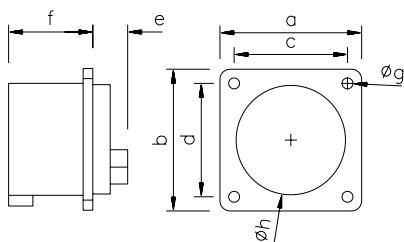
splash-proof IP44

- screw terminals
- Notice acc. to EN 60309:  
for correct use, a retaining lug  
or retaining slot is necessary.

All appliance inlets are also  
available with nickel-  
plated contacts.  
Add a "V" instead of the "S" to  
the Item number e.g. A51V14.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	5 <sup>a</sup>	A51S14	A51S24	A51S34	A51S54	A51S84	A51S94	10
32	5 <sup>a</sup>	A51S14	A52S24	A52S34	A52S54	A52S84	A52S94	10
16	3 <sup>b</sup>	A31S12	A31S22	A31S32	A31S52	A31S82	A31S92	10
16	4 <sup>b</sup>	A41S12	A41S22	A41S32	A41S52	A41S82	A41S92	10
16	5 <sup>b</sup>	A51S12	A51S22	A51S32	A51S52	A51S82	A51S92	10
32	3 <sup>b</sup>	A32S12	A32S22	A32S32	A32S52	A32S82	A32S92	10
32	4 <sup>b</sup>	A42S12	A42S22	A42S32	A42S52	A42S82	A42S92	10
32	5 <sup>b</sup>	A52S12	A52S22	A52S32	A52S52	A52S82	A52S92	10



a with Flange 60 x 60 mm,  
b with Flange 56 x 56 mm

POLES	3 <sup>a</sup>	4 <sup>a</sup>	5 <sup>a</sup>	3 <sup>b</sup>	4 <sup>b</sup>
AMPERE	16			16	

a and b	60	60	60	56	56
c and d	50	50	50	48	48
e	25	25	26	25	25
f	41	41	42	41	41
g	4,5	4,5	4,5	4,5	4,5
h	43	43	54	43	43
Weight [g/each]	82	95	112	75	91

## APPLIANCE INLET, STRAIGHT

splash-proof IP44

- screw terminals
- Notice acc. to EN 60309:  
for correct use, a retaining lug  
or retaining slot is necessary.

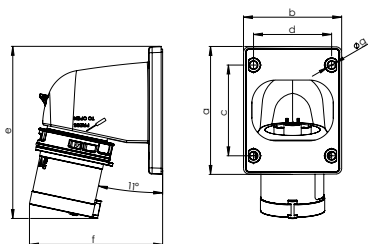
All appliance inlets are also  
available with nickel-  
plated contacts.  
Add a "V" instead of the "S" to  
the Item number e.g. A31V13.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3 <sup>a</sup>	A31S13	A31S23	A31S33	A31S53	A31S83	A31S93	10
16	4 <sup>a</sup>	A41S13	A41S23	A41S33	A41S53	A41S83	A41S93	10
16	5 <sup>a</sup>	A51S13	A51S23	A51S33	A51S53	A51S83	A51S93	10
16	3 <sup>b</sup>	A31S14	A31S24	A31S34	A31S54	A31S84	A31S94	10
16	4 <sup>b</sup>	A41S14	A41S24	A41S34	A41S54	A41S84	A41S94	10

# CEE APPLIANCE INLETS

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5	3	4	5
AMPERE	16			32		

a	86	86	100	100	100	100
b	66	66	90	90	90	90
c	61	61	85	85	85	85
d	53	53	77	77	77	77
e	116	117	153	163	163	164
f	90	93	98	100	100	103
g	5	5	5	5	5	5
Weight [g/each]	129	143	187	200	220	244



## ANGLE APPLIANCE INLET

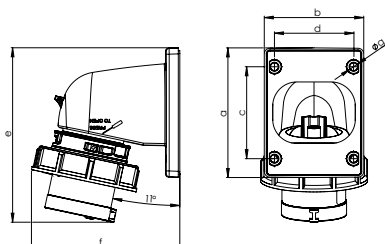
splash-proof IP44

- screw terminals
- quick release locking system (turn2fix)

All angle appliance inlets are also available with nickel-plated contacts. Add a "V" instead of the "S" to the Item number e.g. A31V11.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	A31S11	A31S21	A31S31	A31S51	A31S81	A31S91	10
16	4	A41S11	A41S21	A41S31	A41S51	A41S81	A41S91	10
16	5	A51S11	A51S21	A51S31	A51S51	A51S81	A51S91	10
32	3	A32S11	A32S21	A32S31	A32S51	A32S81	A32S91	10
32	4	A42S11	A42S21	A42S31	A42S51	A42S81	A42S91	10
32	5	A52S11	A52S21	A52S31	A52S51	A52S81	A52S91	10



POLES	3	4	5	3	4	5
AMPERE	16			32		

a	86	86	100	100	100	100
b	66	66	90	90	90	90
c	61	61	85	85	85	85
d	53	53	77	77	77	77
e	116	117	153	163	163	164
f	99	103	107	110	110	114
g	5	5	5	5	5	5
Weight [g/each]	146	165	212	231	251	275



## ANGLE APPLIANCE INLET

watertight IP67

- screw terminals
- quick release locking system (turn2fix)

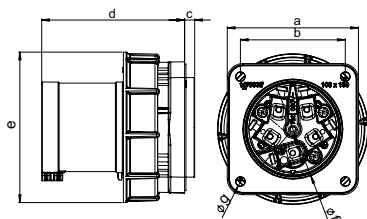
All angle appliance inlets are also available with nickel-plated contacts. Add a "V" instead of the "S" to the Item number e.g. A31V16.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	A31S16	A31S26	A31S36	A31S56	A31S86	A31S96	10
16	4	A41S16	A41S26	A41S36	A41S56	A41S86	A41S96	10
16	5	A51S16	A51S26	A51S36	A51S56	A51S86	A51S96	10
32	3	A32S16	A32S26	A32S36	A32S56	A32S86	A32S96	10
32	4	A42S16	A42S26	A42S36	A42S56	A42S86	A42S96	10
32	5	A52S16	A52S26	A52S36	A52S56	A52S86	A52S96	10

# CEE APPLIANCE INLETS

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5	3	4	5
AMPERE	63			125		

a	100	100	100	120	120	120
b	80	80	80	100	100	100
c	8	8	8	13	13	13
d	109	109	109	118	118	118
e	115	115	115	131	131	131
f	77	77	77	95	95	95
g	7	7	7	7	7	7
Weight [g/each]	479	531	581	786	896	1003

## APPLIANCE INLET STRAIGHT

watertight IP67

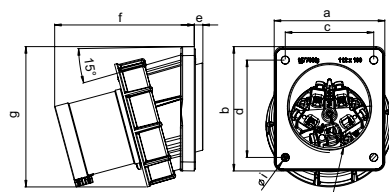
- HighPower version
- nickel-plated contacts with pilot contact
- screw terminals

Watertight cap see page 64

IP44 upon request

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLE	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
63	3	A33S17	A33S27	A33S37	A33S57	A33S87	A33S97	2
63	4	A43S17	A43S27	A43S37	A43S57	A43S87	A43S97	2
63	5	A53S17	A53S27	A53S37	A53S57	A53S87	A53S97	2
125	3	A34S17	A34S27	A34S37	A34S57	A34S87	A34S97	2
125	4	A44S17	A44S27	A44S37	A44S57	A44S87	A44S97	2
125	5	A54S17	A54S27	A54S37	A54S57	A54S87	A54S97	2



POLES	3	4	5	3	4	5
AMPERE	63			125		

a	100	100	100	120	120	120
b	112	112	112	130	130	130
c	80	80	80	100	100	100
d	88	88	88	108	108	108
e	8	8	8	8	8	8
f	127	127	127	139	139	139
g	127	127	127	145	145	145
h	80	80	80	80	80	80
i	7	7	7	7	7	7
Weight [g/each]	515	566	617	833	942	1050

## APPLIANCE INLET ANGLED 15°

watertight IP67

- HighPower version
- nickel-plated contacts with pilot contact
- screw terminals

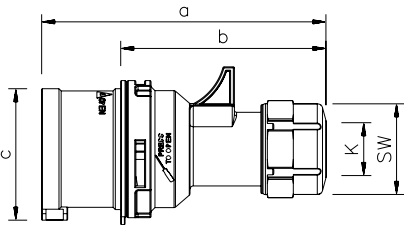
Watertight cap see page 64

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
63	3	A33S15	A33S25	A33S35	A33S55	A33S85	A33S95	2
63	4	A43S15	A43S25	A43S35	A43S55	A43S85	A43S95	2
63	5	A53S15	A53S25	A53S35	A53S55	A53S85	A53S95	2
125	3	A34S15	A34S25	A34S35	A34S55	A34S85	A34S95	2
125	4	A44S15	A44S25	A44S35	A44S55	A44S85	A44S95	2
125	5	A54S15	A54S25	A54S35	A54S55	A54S85	A54S95	2

# CEE PHASE INVERTERS

according to IEC 60309, EN 60309, VDE 0623



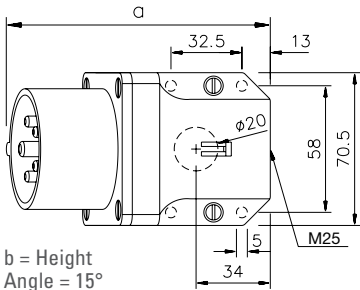
## PHASE INVERTER

- splash-proof IP44  
watertight IP67
- screw terminals
  - quick release locking system (turn2fix)
  - nickel-plated contacts

POLES	4	5	4	5
AMPERE	16		32	
a	124	131	146	152
b	88	95	100	106
c	53	61	63	70
K	6-15	8-16	10-20	12-22
SW	38	42	50	50
Weight [g/each]	122	156	190	232

VOLTAGE	230 V~	400 V~	DEGREE OF PROTECTION
FREQUENCY	50/60 Hz	50/60 Hz	
DESIGNATION	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	

AMPERE	POLES	ITEM NO.	ITEM NO.	IP	PACKING UNIT
16	4	S41S20P	S41S30P	44	10
16	4	S41S25P	S41S35P	67	10
16	5		S51S30P	44	10
16	5		S51S35P	67	10
32	4	S42S20P	S42S30P	44	10
32	4	S42S25P	S42S35P	67	10
32	5		S52S30P	44	10
32	5		S52S35P	67	10



## PHASE INVERTER – WALL-MOUNTED INLET

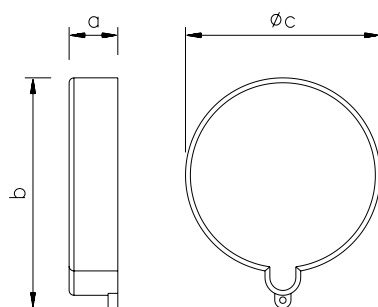
- splash-proof IP44
- screw terminals
  - cable entry from above or behind
  - nickel-plated contacts

POLES	5	5
AMPERE	16	32
a	123	132
b	79	86
M	25	25
Weight [g/each]	215	280

VOLTAGE	400 V~
FREQUENCY	50/60 Hz
DESIGNATION	3p = 9h 4p/5p = 6h

AMPERE	POLES	ITEM NO.	NOTICE	PACKING UNIT
16	5	G51S30P		10
16	5	G51S31P	with hinged lid	10
32	5	G52S30P		10
32	5	G52S31P	with hinged lid	10

# CEE COVERS

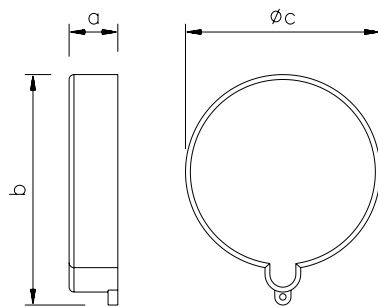


POLES	3	4	5	3	4	5
AMPERE	16			32		

a	15	15	15	15	15	15
b	56	63	71	71	71	79
c	48	54	61	61	61	67
Weight [g/each]	10	12	14	14	14	16
Item no.	VD0163	VD0164	VD0165	VD0323	VD0323	VD0325

## DUST CAP 16 AND 32 A

- for all plugs and appliance inlets
- protects contacts from contamination

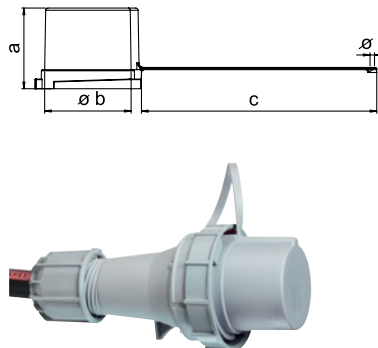


POLES	3	4	5	3	4	5
AMPERE	63			125		

a	21	21	21	21	21	21
b	82	82	82	93	93	93
c	73	73	73	86	86	86
Weight [g/each]	21	21	21	25	25	25
Item no.	VD0633	VD0633	VD0633	VD1253	VD1253	VD1253

## DUST CAP 63 AND 125 A

- for all plugs and appliance inlets
- protects contacts from contamination



POLES	3	4	5	3	4	5
AMPERE	63			125		

a	72	72	72	82	82	82
b	78	78	78	91	91	91
c	211	211	211	205	205	205
d	4	4	4	5	5	5
Weight [g/each]	75	75	75	98	98	98
Item no.	WS0633	WS0633	WS0633	WS1253	WS1253	WS1253

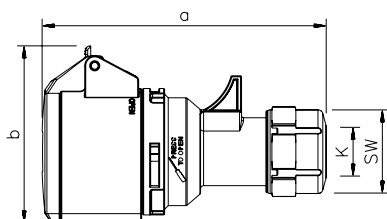
## WATER PROTECTION CAP 63 AND 125 A

- watertight IP67
- for all 63 and 125 A plugs and appliance inlets



# CEE CONNECTORS

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5	3	4	5
AMPERE	16			32		

a	129	135	142	159	159	165
b	76	80	89	92	92	98
K	6-15	6-15	8-16	10-20	10-20	12-22
SW	38	38	42	50	50	50
Weight [g/each]	137	161	183	225	244	278



## CONNECTOR

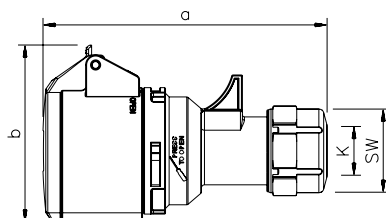
splash-proof IP44

- hinged lid with thumb grip
- screw terminals
- quick release locking system (turn2fix)

All connectors are also available with **nickel-plated** contacts. Add a "V" instead of the "S" to the Item number e.g. K31V10.

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	K31S10	K31S20	K31S30		K31S50	K31S80	K31S90	10
16	4	K41S10	K41S20	K41S30	K41S40	K41S50	K41S80	K41S90	10
16	5	K51S10	K51S20	K51S30		K51S50	K51S80	K51S90	10
32	3	K32S10	K32S20	K32S30		K32S50	K32S80	K32S90	10
32	4	K42S10	K42S20	K42S30	K42S40	K42S50	K42S80	K42S90	10
32	5	K52S10	K52S20	K52S30		K52S50	K52S80	K52S90	10



POLES	3	4	5	3	4	5
AMPERE	16			32		

a	129	135	142	159	159	165
b	76	80	89	92	92	98
K	6-15	6-15	8-16	10-20	10-20	12-22
SW	38	38	42	50	50	50
Weight [g/each]	142	168	195	232	251	285



## CONNECTOR

splash-proof IP44

- hinged lid with thumb grip
- screwless connection technology (plug2power)
- quick release locking system (turn2fix)

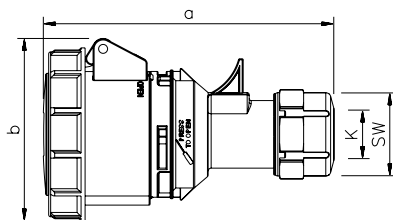
All connectors are also available with **nickel-plated** contacts. Add a "V" instead of the "S" to the Item number e.g. K31V10.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	K31SL10	K31SL20	K31SL30	K31SL50	K31SL80	K31SL90	10
16	4	K41SL10	K41SL20	K41SL30	K41SL50	K41SL80	K41SL90	10
16	5	K51SL10	K51SL20	K51SL30	K51SL50	K51SL80	K51SL90	10
32	3	K32SL10	K32SL20	K32SL30	K32SL50	K32SL80	K32SL90	10
32	4	K42SL10	K42SL20	K42SL30	K42SL50	K42SL80	K42SL90	10
32	5	K52SL10	K52SL20	K52SL30	K52SL50	K52SL80	K52SL90	10

# CEE CONNECTORS

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5	3	4	5
AMPERE	16			32		

a	133	139	145	162	162	168
b	78	84	92	96	96	102
K	6-15	6-15	8-16	10-20	10-20	12-22
SW	38	38	42	50	50	50
Weight [g/each]	156	185	215	266	285	323



## CONNECTOR

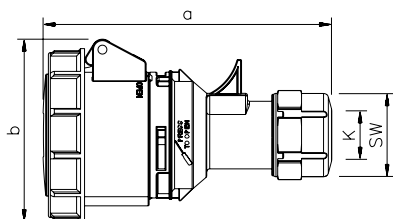
watertight IP67

- screw terminals
- quick release locking system (turn2fix)

All connectors are also available with **nickel-plated** contacts. Add a "V" instead of the "S" to the Item number e.g. K31V15.

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	K31S15	K31S25	K31S35		K31S55	K31S85	K31S95	10
16	4	K41S15	K41S25	K41S35	K41S45	K41S55	K41S85	K41S95	10
16	5	K51S15	K51S25	K51S35		K51S55	K51S85	K51S95	10
32	3	K32S15	K32S25	K32S35		K32S55	K32S85	K32S95	10
32	4	K42S15	K42S25	K42S35	K42S45	K42S55	K42S85	K42S95	10
32	5	K52S15	K52S25	K52S35		K52S55	K52S85	K52S95	10



POLES	3	4	5	3	4	5
AMPERE	16			32		

a	133	139	145	162	162	168
b	78	84	92	96	96	102
K	6-15	6-15	8-16	10-20	10-20	12-22
SW	38	38	42	50	50	50
Weight [g/each]	161	192	227	273	292	330



## CONNECTOR

watertight IP67

- screwless connection technology (plug2power)
- quick release locking system (turn2fix)

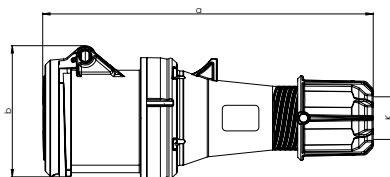
All connectors are also available with **nickel-plated** contacts. Add a "V" instead of the "S" to the Item number e.g. K31VL15.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	K31SL15	K31SL25	K31SL35	K31SL55	K31SL85	K31SL95	10
16	4	K41SL15	K41SL25	K41SL35	K41SL55	K41SL85	K41SL95	10
16	5	K51SL15	K51SL25	K51SL35	K51SL55	K51SL85	K51SL95	10
32	3	K32SL15	K32SL25	K32SL35	K32SL55	K32SL85	K32SL95	10
32	4	K42SL15	K42SL25	K42SL35	K42SL55	K42SL85	K42SL95	10
32	5	K52SL15	K52SL25	K52SL35	K52SL55	K52SL85	K52SL95	10

# CEE CONNECTORS

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5
AMPERE	63		

a	269	269	269
b	107	107	107
K	14,5-36	14,5-36	14,5-36
Weight [g/each]	626	677	727

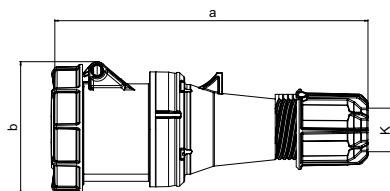
## CONNECTOR

splash-proof IP44

- HighPower version
- with pilot contact
- screw terminals

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
63	3	K33S10	K33S20	K33S30		K33S50	K33S80	K33S90	2
63	4	K43S10	K43S20	K43S30	K43S40	K43S50	K43S80	K43S90	2
63	5	K53S10	K53S20	K53S30		K53S50	K53S80	K53S90	2



POLES	3	4	5	3	4	5
AMPERE	63			125		

a	269	269	269	287	287	287
b	114	114	114	124	124	124
K	14,5-36	14,5-36	14,5-36	22,5-50	22,5-50	22,5-50
Weight [g/each]	669	720	770	1054	1158	1250

## CONNECTOR

watertight IP67

- HighPower version
- with pilot contact
- screw terminals

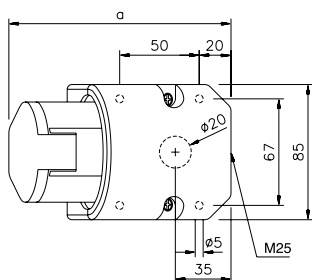
VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
63	3	K33S15	K33S25	K33S35		K33S55	K33S85	K33S95	2
63	4	K43S15	K43S25	K43S35	K43S45	K43S55	K43S85	K43S95	2
63	5	K53S15	K53S25	K53S35		K53S55	K53S85	K53S95	2
125	3	K34S15	K34S25	K34S35		K34S55	K34S85	K34S95	2
125	4	K44S15	K44S25	K44S35	K44S45	K44S55	K44S85	K44S95	2
125	5	K54S15	K54S25	K54S35		K54S55	K54S85	K54S95	2



# CEE WALL-MOUNTED SOCKET OUTLETS

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5	3	4	5
AMPERE	16			32		

a	140	141	139	152	152	153
b	89	92	97	100	100	105
M	25	25	25	25	25	25
Weight [g/each]	228	248	258	279	295	324

b = Height, Angle = 15°

## WALL-MOUNTED SOCKET OUTLET

splash-proof IP44

- screw terminals
- cable entry from above or behind
- including self-sealing grommet

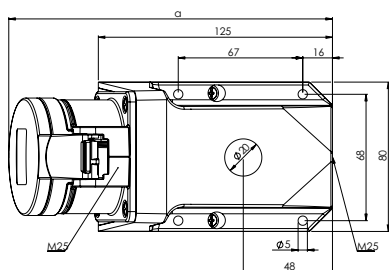
All wall-mounted socket outlets are also available with

**nickel-plated** contacts.

Add a "V" instead of the "S" to the Item number e.g. D31V11.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	D31S11	D31S21	D31S31	D31S51	D31S81	D31S91	10
16	4	D41S11	D41S21	D41S31	D41S51	D41S81	D41S91	10
16	5	D51S11	D51S21	D51S31	D51S51	D51S81	D51S91	10
32	3	D32S11	D32S21	D32S31	D32S51	D32S81	D32S91	10
32	4	D42S11	D42S21	D42S31	D42S51	D42S81	D42S91	10
32	5	D52S11	D52S21	D52S31	D52S51	D52S81	D52S91	10



POLES	3	4	5	3	4	5
AMPERE	16			32		

a	171	172	170	182	182	183
b	127	130	135	135	135	144
M	2 x 25	2 x 25	2 x 25	2 x 25	2 x 25	2 x 25
Weight [g/each]	314	334	344	380	392	434

b = Height, Angle = 15°

## WALL-MOUNTED SOCKET OUTLET

splash-proof IP44

- screw terminals
- can be looped through
- cable entry above or below
- including self-sealing grommet

All wall-mounted socket outlets are also available with

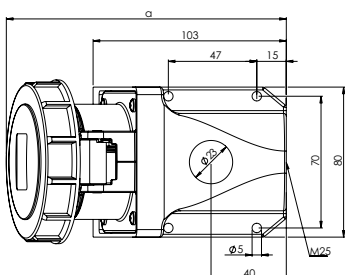
**nickel-plated** contacts.

Add a "V" instead of the "S" to the Item number e.g. D31V12.

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	D31S12	D31S22	D31S32		D31S52	D31S82	D31S92	5
16	4	D41S12	D41S22	D41S32		D41S52	D41S82	D41S92	5
16	5	D51S12	D51S22	D51S32		D51S52	D51S82	D51S92	5
32	3	D32S12	D32S22	D32S32		D32S52	D32S82	D32S92	5
32	4	D42S12	D42S22	D42S32	D42S42	D42S52	D42S82	D42S92	5
32	5	D52S12	D52S22	D52S32		D52S52	D52S82	D52S92	5

according to IEC 60309, EN 60309, VDE 0623

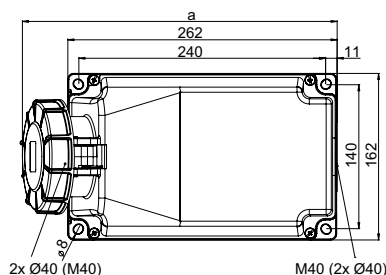
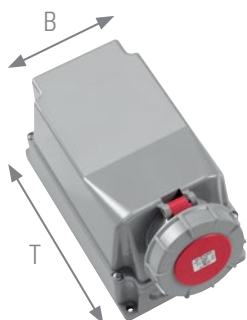


<b>a</b>	147	149	150	161	161	162
<b>b</b>	96	99	102	108	108	110
<b>M</b>	25	25	25	25	25	25
<b>Weight [a/each]</b>	231	252	276	316	320	256

22 **ABL**  **SURSUM**

# CEE WALL-MOUNTED SOCKET OUTLETS

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5
AMPERE	63		

a	306	306	306
b	195	195	195
Weight [g/each]	1354	1403	1459

b = Height, Angle = 15°

## WALL-MOUNTED SOCKET OUTLET

watertight IP67

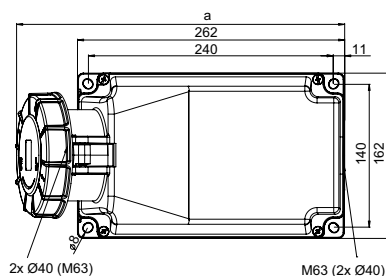
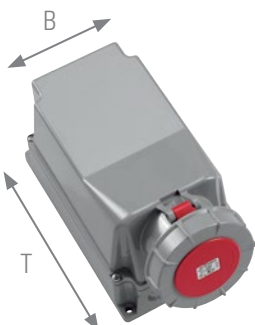
Basic housing W x H x D =  
160 x 260 x 190 mm  
1 x M40 above, 2 x Ø40 below

- HighPower version
- with pilot contact
- screw terminals
- cable entry above, below or behind
- housing can be rotated 180°

splash-proof IP44 upon request

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
63	3	D33S17	D33S27	D33S37		D33S57	D33S87	D33S97	2
63	4	D43S17	D43S27	D43S37	D43S47	D43S57	D43S87	D43S97	2
63	5	D53S17	D53S27	D53S37		D53S57	D53S87	D53S97	2



POLES	3	4	5
AMPERE	125		

a	322	322	322
b	205	205	205
Weight [g/each]	1850	1900	1950

b = Height, Angle = 15°

## WALL-MOUNTED SOCKET OUTLET

watertight IP67

\* Basic housing W x H x D =  
160 x 201 x 260 mm  
1 x Ø50 above, 2 x Ø40 below

\*\*Basic housing W x H x D =  
160 x 201 x 260 mm  
1 x M63 above, 2 x Ø40 below

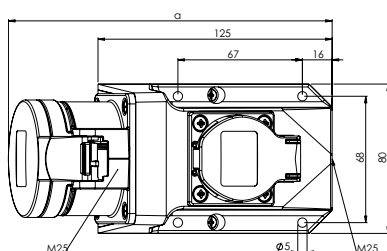
- HighPower version
- with pilot contact
- screw terminals
- cable entry above, below or behind
- housing can be rotated 180°

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
125 *	3	D34S17	D34S27	D34S37		D34S57	D34S87	D34S97	1
125 **	4	D44S17	D44S27	D44S37	D44S47	D44S57	D44S87	D44S97	1
125 **	5	D54S17	D54S27	D54S37		D54S57	D54S87	D54S97	1

# CEE COMBI-WALL-MOUNTED SOCKET OUTLETS

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5	3	4	5
AMPERE	16			32		
a	171	172	170	182	182	183
b	127	130	135	135	135	144
M	2 x 25	2 x 25	2 x 25	2 x 25	2 x 25	2 x 25
Weight [g/each]	394	415	425	446	458	500

b = Height, Angle = 15°

## COMBI-WALL-MOUNTED SOCKET OUTLET

splash-proof IP44

- wall box with integrated SCHUKO socket outlet
- connecting terminals up to 10 mm<sup>2</sup>
- **wired**
- cable entry above, below or behind
- for 32 A: SCHUKO socket outlet fused, fuse (10 A delayed-tripping)
- including self-sealing grommet

<sup>a</sup> pre-wired

<sup>b</sup> not pre-wired

VOLTAGE	230 V~	400 V~	VOLTAGE	230 V~	400 V~
FREQUENCY	50/60 Hz	50/60 Hz	FREQUENCY	50/60 Hz	50/60 Hz
DESIGNATION	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	DESIGNATION	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h

AMPERE	PO-LES	ITEM NO.	ITEM NO.	AMPERE	PO-LES	ITEM NO.	ITEM NO.	PACK. UNIT
16	3 <sup>a</sup>	D31S231		16	3 <sup>b</sup>	D31S232		5
16	4 <sup>a</sup>	D41S231	D41S331	16	4 <sup>b</sup>	D41S232	D41S332	5
16	5 <sup>a</sup>		D51S331	16	5 <sup>b</sup>		D51S332	5
32	3 <sup>a</sup>	D32S231		32	3 <sup>b</sup>	D32S232		5
32	4 <sup>a</sup>	D42S231	D42S331	32	4 <sup>b</sup>	D42S232	D42S332	5
32	5 <sup>a</sup>		D52S331	32	5 <sup>b</sup>		D52S332	5



## COMBI-WALL-MOUNTED SOCKET OUTLET

splash-proof IP44

- wall box with integrated protective contact socket outlet with earth pin (**CEE 7/V**)
- connecting terminals up to 10 mm<sup>2</sup>
- **wired**
- cable entry above, below or behind
- for 32 A: protective contact socket outlet fused, fuse (10 A delayed-tripping)
- including self-sealing grommet

<sup>a</sup> pre-wired

<sup>b</sup> not pre-wired

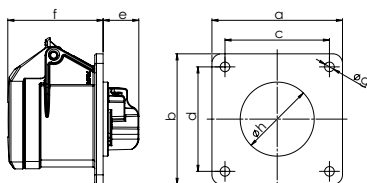
VOLTAGE	230 V~	400 V~	VOLTAGE	230 V~	400 V~
FREQUENCY	50/60 Hz	50/60 Hz	FREQUENCY	50/60 Hz	50/60 Hz
DESIGNATION	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	DESIGNATION	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h

AMPERE	PO-LES	ITEM NO.	ITEM NO.	AMPERE	PO-LES	ITEM NO.	ITEM NO.	PACK. UNIT
16	3 <sup>a</sup>	D31S233		16	3 <sup>b</sup>	D31S234		5
16	4 <sup>a</sup>	D41S233	D41S333	16	4 <sup>b</sup>	D41S234	D41S334	5
16	5 <sup>a</sup>		D51S333	16	5 <sup>b</sup>		D51S334	5
32	3 <sup>a</sup>	D32S233		32	3 <sup>b</sup>	D32S234		5
32	4 <sup>a</sup>	D42S233	D42S333	32	4 <sup>b</sup>	D42S234	D42S334	5
32	5 <sup>a</sup>		D52S333	32	5 <sup>b</sup>		D52S334	5



# CEE PANEL-MOUNTED SOCKET OUTLETS, STRAIGHT

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5	3	4	5
AMPERE	16			32		

a and b	75	75	75	75	75	75
c and d	60	60	60	60	60	60
e	21	21	21	23	23	23
f	55	55	55	67	67	67
g	5,5	5,5	5,5	5,5	5,5	5,5
h	43	45	55	55	55	58
Weight [g/each]	117	132	141	168	185	217

## PANEL-MOUNTED SOCKET OUTLET STRAIGHT

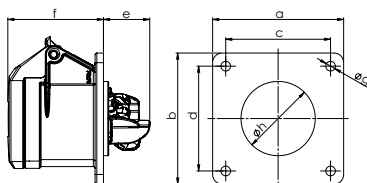
splash-proof IP44

- screw terminals
- suitable for cable ducts

All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31V100.

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	F31S100	F31S200	F31S300		F31S500	F31S800	F31S900	10
16	4	F41S100	F41S200	F41S300	F41S400	F41S500	F41S800	F41S900	10
16	5	F51S100	F51S200	F51S300		F51S500	F51S800	F51S900	10
32	3	F32S100	F32S200	F32S300		F32S500	F32S800	F32S900	10
32	4	F42S100	F42S200	F42S300	F42S400	F42S500	F42S800	F42S900	10
32	5	F52S100	F52S200	F52S300		F52S500	F52S800	F52S900	10



POLES	3	4	5	3	4	5
AMPERE	16			32		

a and b	75	75	75	75	75	75
c and d	60	60	60	60	60	60
e	27	27	27	27	27	27
f	55	55	55	67	67	67
g	5,5	5,5	5,5	5,5	5,5	5,5
h	43	45	55	55	55	58
Weight [g/each]	116	131	138	156	173	200

plug2power

## PANEL-MOUNTED SOCKET OUTLET STRAIGHT

splash-proof IP44

- screwless connection technology (plug2power)
- suitable for cable ducts

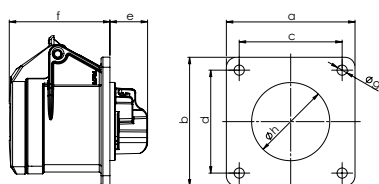
All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31VL11.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	F31SL11	F31SL21	F31SL31	F31SL51	F31SL81	F31SL91	10
16	4	F41SL11	F41SL21	F41SL31	F41SL51	F41SL81	F41SL91	10
16	5	F51SL11	F51SL21	F51SL31	F51SL51	F51SL81	F51SL91	10
32	3	F32SL11	F32SL21	F32SL31	F32SL51	F32SL81	F32SL91	10
32	4	F42SL11	F42SL21	F42SL31	F42SL51	F42SL81	F42SL91	10
32	5	F52SL11	F52SL21	F52SL31	F52SL51	F52SL81	F52SL91	10

# CEE PANEL-MOUNTED SOCKET OUTLETS, STRAIGHT

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5	3	4	5
AMPERE	16			32		

a and b	70	70	70	70	70	70
c and d	56	56	56	56	56	56
e	21	21	21	23	23	23
f	55	55	55	67	67	67
g	5,5	5,5	5,5	5,5	5,5	5,5
h	43	45	55	55	55	58
Weight [g/each]	113	128	150	164	181	213

## PANEL-MOUNTED SOCKET OUTLET, STRAIGHT

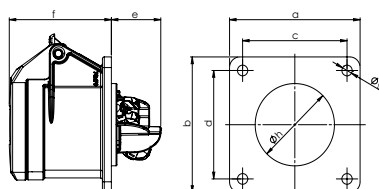
splash-proof IP44

· screw terminals

All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31V101.

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	F31S101	F31S201	F31S301		F31S501	F31S801	F31S901	10
16	4	F41S101	F41S201	F41S301	F41S401	F41S501	F41S801	F41S901	10
16	5	F51S101	F51S201	F51S301		F51S501	F51S801	F51S901	10
32	3	F32S101	F32S201	F32S301		F32S501	F32S801	F32S901	10
32	4	F42S101	F42S201	F42S301	F42S401	F42S501	F42S801	F42S901	10
32	5	F52S101	F52S201	F52S301		F52S501	F52S801	F52S901	10



POLES	3	4	5	3	4	5
AMPERE	16			32		

a and b	70	70	70	70	70	70
c and d	56	56	56	56	56	56
e	27	27	27	27	27	27
f	55	55	55	67	67	67
g	5,5	5,5	5,5	5,5	5,5	5,5
h	43	45	55	55	55	58
Weight [g/each]	112	127	144	152	169	196

**plug2power**

## PANEL-MOUNTED SOCKET OUTLET, STRAIGHT

splash-proof IP44

· screwless connection technology (plug2power)

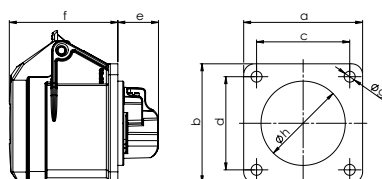
All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31VL10.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	F31SL10	F31SL20	F31SL30	F31SL50	F31SL80	F31SL90	10
16	4	F41SL10	F41SL20	F41SL30	F41SL50	F41SL80	F41SL90	10
16	5	F51SL10	F51SL20	F51SL30	F51SL50	F51SL80	F51SL90	10
32	3	F32SL10	F32SL20	F32SL30	F32SL50	F32SL80	F32SL90	10
32	4	F42SL10	F42SL20	F42SL30	F42SL50	F42SL80	F42SL90	10
32	5	F52SL10	F52SL20	F52SL30	F52SL50	F52SL80	F52SL90	10

# CEE PANEL-MOUNTED SOCKET OUTLETS, STRAIGHT

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4
AMPERE	16	

a and b	60	60
c and d	47	47
e	21	21
f	55	55
g	5,5	5,5
h	43	45
Weight [g/each]	105	120

plug<sup>a</sup>power<sup>b</sup>

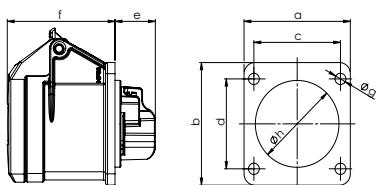
## PANEL-MOUNTED SOCKET OUTLET, STRAIGHT splash-proof IP44

- <sup>a</sup> screw terminals
- <sup>b</sup> screwless terminals (plug2power)

All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31V102.

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3 <sup>a</sup>	F31S102	F31S202	F31S302		F31S502	F31S802	F31S902	10
16	4 <sup>a</sup>	F41S102	F41S202	F41S302	F41S402	F41S502	F41S802	F41S902	10
16	3 <sup>b</sup>	F31SL12	F31SL22	F31SL32		F31SL52	F31SL82	F31SL92	10
16	4 <sup>b</sup>	F41SL12	F41SL22	F41SL32		F41SL52	F41SL82	F41SL92	10



- <sup>a</sup> with flange 60 x 54 mm
- <sup>b</sup> with flange 55 x 55 mm
- <sup>c</sup> with flange 65 x 65 mm

POLES	3 <sup>a</sup>	3 <sup>b</sup>	3 <sup>c</sup>	4 <sup>c</sup>
AMPERE	16			

Flange a	54	55	65	65
Flange b	60	55	65	65
c and d	44	44	52	52
e	21	28	21	21
f	55	46	55	55
g	5,5	4,5	5,5	5,5
h	43	43	43	45
Weight [g/each]	103	120	109	124

## PANEL-MOUNTED SOCKET OUTLET, STRAIGHT splash-proof IP44

- screw terminals

All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the item number e.g. F31V104.

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

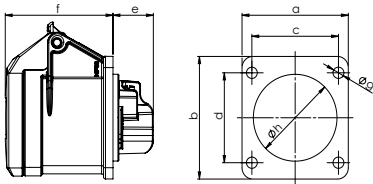
AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3 <sup>a</sup>	F31S104	F31S204	F31S304		F31S504	F31S804	F31S904	10
16	3 <sup>b</sup>	F31S103	F31S203	F31S303		F31S503	F31S803	F31S903	10
16	3 <sup>c</sup>	F31S105	F31S205	F31S305		F31S505	F31S805	F31S905	10
16	4 <sup>c</sup>	F41S105	F41S205	F41S305	F41S405	F41S505	F41S805	F41S905	10

# CEE PANEL-MOUNTED SOCKET OUTLETS, STRAIGHT

according to IEC 60309, EN 60309, VDE 0623



plug2power



POLES	3 <sup>a</sup>	3 <sup>b</sup>	3 <sup>c</sup>
AMPERE	16		

Flange a	54	55	65
Flange b	60	55	65
c and d	44	44	52
e	21	28	21
f	55	46	55
g	5,5	4,5	5,5
h	43	43	43
Weight [g/each]	103	120	109

<sup>a</sup> with flange 60 x 54 mm  
<sup>b</sup> with flange 55 x 55 mm

**PANEL-MOUNTED  
SOCKET OUTLET, STRAIGHT**  
splash-proof IP44

- screwless connection  
technology (plug2power)

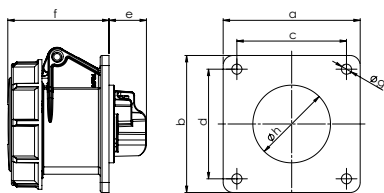
All panel-mounted socket  
outlets are also available with  
**nickelplated** contacts.  
Add a "V" instead of the "S" to  
the Item number e.g. F31VL14.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3 <sup>a</sup>	F31SL14	F31SL24	F31SL34	F31SL54	F31SL84	F31SL94	10
16	3 <sup>b</sup>	F31SL1B	F31SL2B	F31SL3B	F31SL5B	F31SL8B	F31SL9B	10
16	3 <sup>c</sup>	F31SL1K	F31SL2K	F31SL3K	F31SL5K	F31SL8K	F31SL9K	10

# CEE PANEL-MOUNTED SOCKET OUTLETS, STRAIGHT

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5	3	4	5
AMPERE	16			32		

a and b	75	75	75	75	75	75
c and d	60	60	60	60	60	60
e	21	21	21	23	23	23
f	55	55	55	67	67	67
g	5,5	5,5	5,5	5,5	5,5	5,5
h	43	45	55	55	55	58
Weight [g/each]	134	153	166	200	217	250

## PANEL-MOUNTED SOCKET OUTLET, STRAIGHT

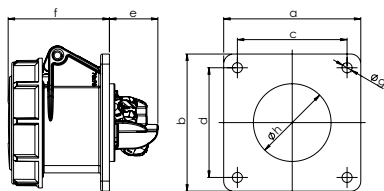
watertight IP67

• screw terminals

All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31V150.

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	F31S150	F31S250	F31S350		F31S550	F31S850	F31S950	10
16	4	F41S150	F41S250	F41S350	F41S450	F41S550	F41S850	F41S950	10
16	5	F51S150	F51S250	F51S350		F51S550	F51S850	F51S950	10
32	3	F32S150	F32S250	F32S350		F32S550	F32S850	F32S950	10
32	4	F42S150	F42S250	F42S350	F42S450	F42S550	F42S850	F42S950	10
32	5	F52S150	F52S250	F52S350		F52S550	F52S850	F52S950	10



POLES	3	4	5	3	4	5
AMPERE	16			32		

a and b	75	75	75	75	75	75
c and d	60	60	60	60	60	60
e	27	27	27	27	27	27
f	55	55	55	67	67	67
g	5,5	5,5	5,5	5,5	5,5	5,5
h	43	45	55	55	55	58
Weight [g/each]	133	152	163	188	204	233

**plug2power**

## PANEL-MOUNTED SOCKET OUTLET, STRAIGHT

watertight IP67

screwless connection technology (plug2power)

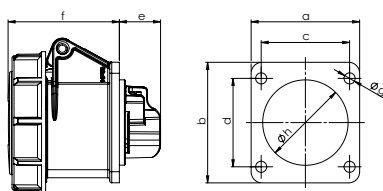
All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31VL16.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	F31SL16	F31SL26	F31SL36	F31SL56	F31SL86	F31SL96	10
16	4	F41SL16	F41SL26	F41SL36	F41SL56	F41SL86	F41SL96	10
16	5	F51SL16	F51SL26	F51SL36	F51SL56	F51SL86	F51SL96	10
32	3	F32SL16	F32SL26	F32SL36	F32SL56	F32SL86	F32SL96	10
32	4	F42SL16	F42SL26	F42SL36	F42SL56	F42SL86	F42SL96	10
32	5	F52SL16	F52SL26	F52SL36	F52SL56	F52SL86	F52SL96	10

# CEE PANEL-MOUNTED SOCKET OUTLETS, STRAIGHT

according to IEC 60309, EN 60309, VDE 0623



a with flange 60 x 54 mm

b with flange 60 x 60 mm

c with flange 70 x 70 mm

POLES	3 <sup>a</sup>	3 <sup>b</sup>	3 <sup>c</sup>
AMPERE	16		

Flange a	54	60	70
Flange b	60	60	70
Hole spacing c	44	47	56
Hole spacing d	44	47	56
e	21	21	21
f	55	55	55
g	5,5	5,5	5,5
h	43	43	43
Weight [g/each]	105	107	115

## PANEL-MOUNTED SOCKET OUTLET, STRAIGHT

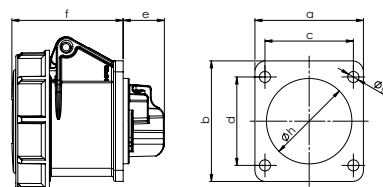
watertight IP67

· screw terminals

All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31V154.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3 <sup>a</sup>	F31S154	F31S254	F31S354	F31S554	F31S854	F31S954	10
16	3 <sup>b</sup>	F31S152	F31S252	F31S352	F31S552	F31S852	F31S952	10
16	3 <sup>c</sup>	F31S151	F31S251	F31S351	F31S551	F31S851	F31S951	10



a with flange 60 x 54 mm

b with flange 60 x 60 mm

c with flange 70 x 70 mm

POLES	3 <sup>a</sup>	3 <sup>b</sup>	3 <sup>c</sup>
AMPERE	16		

Flange a	54	60	70
Flange b	60	60	70
Hole spacing c	44	47	56
Hole spacing d	44	47	56
e	21	21	21
f	55	55	55
g	5,5	5,5	5,5
h	43	43	43
Weight [g/each]	105	107	115

plug2power

## PANEL-MOUNTED SOCKET OUTLET, STRAIGHT

watertight IP67

· screwless connection technology (plug2power)

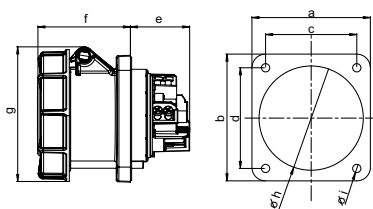
All panel-mounted socket outlets are also available with **nickel-plated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31VL15.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3 <sup>a</sup>	F31SL15	F31SL25	F31SL35	F31SL55	F31SL85	F31SL95	10
16	3 <sup>b</sup>	F31SL17	F31SL27	F31SL37	F31SL57	F31SL87	F31SL97	10
16	3 <sup>c</sup>	F31SL19	F31SL29	F31SL39	F31SL59	F31SL89	F31SL99	10

# CEE PANEL-MOUNTED SOCKET OUTLETS, STRAIGHT

according to IEC 60309, EN 60309, VDE 0623



POLES	3 <sup>a</sup>	4 <sup>a</sup>	5 <sup>a</sup>	3 <sup>b</sup>	4 <sup>b</sup>	5 <sup>b</sup>
AMPERE	63			63		

Flange a	100	100	100	100	100	100
Flange b	100	100	100	107	107	107
Hole spacing c	80	80	80	77	77	77
Hole spacing d	80	80	80	85	85	85
e	50	50	50	50	50	50
f	80	80	80	80	80	80
g	114	114	114	114	114	114
h	85	85	85	85	85	85
i	7	7	7	7	7	7
Weight [g/each]	490	522	668	496	528	674

## PANEL-MOUNTED SOCKET OUTLET, STRAIGHT

watertight IP67

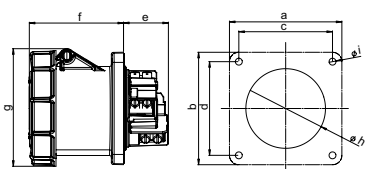
- HighPower version
- with pilot contact
- screw terminals

splash-proof IP44  
upon request

<sup>a</sup> with flange 100 x 100 mm  
<sup>b</sup> with flange 107 x 100 mm

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
63	3 <sup>a</sup>	F33S157	F33S257	F33S357		F33S557	F33S857	F33S957	2
63	4 <sup>a</sup>	F43S157	F43S257	F43S357	F43S457	F43S557	F43S857	F43S957	2
63	5 <sup>a</sup>	F53S157	F53S257	<b>F53S357</b>		F53S557	F53S857	F53S957	2
63	3 <sup>b</sup>	F33S156	F33S256	F33S356		F33S556	F33S856	F33S956	2
63	4 <sup>b</sup>	F43S156	F43S256	F43S356	F43S456	F43S556	F43S856	F43S956	2
63	5 <sup>b</sup>	F53S156	F53S256	<b>F53S356</b>		F53S556	F53S856	F53S956	2



POLES	3	4	5
AMPERE	125		

a and b	120	120	120
c and d	100	100	100
e	48	48	48
f	101	101	101
g	126	126	126
h	90	90	90
i	8	8	8
Weight [g/each]	743	879	974

## PANEL-MOUNTED SOCKET OUTLET, STRAIGHT

watertight IP67

- HighPower version
- with pilot contact
- screw terminals

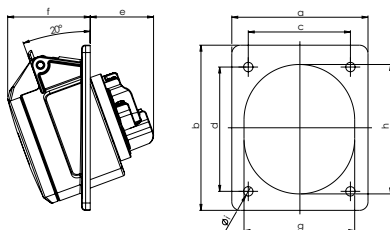
VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLE	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
125	3	F34S157	F34S257	F34S357		F34S557	F34S857	F34S957	2
125	4	F44S157	F44S257	F44S357	F44S457	F44S557	F44S857	F44S957	2
125	5	F54S157	F54S257	F54S357		F54S557	F54S857	F54S957	2



# CEE PANEL-MOUNTED SOCKET OUTLETS, ANGLED

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5	3	4	5
AMPERE	16			32		

Flange a	70	70	80	80	80	80
Flange b	85	85	97	97	97	97
Hole spacing c	50	50	60	60	60	60
Hole spacing d	65	65	73	73	73	73
e	38	38	39	51	51	51
f	47	47	48	50	50	52
g	51	56	65	65	65	70
h	61	67	76	75	75	80
i	5,5	5,5	5,5	5,5	5,5	5,5
Weight [g/each]	112	117	144	198	222	250

## PANEL-MOUNTED SOCKET OUTLET, ANGLED 20°

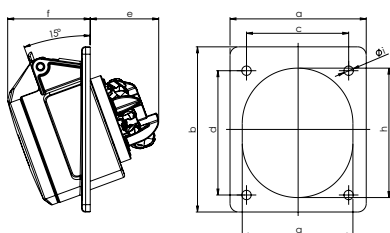
splash-proof IP44

- screw terminals

All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31V120.

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	F31S120	F31S220	F31S320		F31S520	F31S820	F31S920	10
16	4	F41S120	F41S220	F41S320	F41S420	F41S520	F41S820	F41S920	10
16	5	F51S120	F51S220	F51S320		F51S520	F51S820	F51S920	10
32	3	F32S120	F32S220	F32S320		F32S520	F32S820	F32S920	10
32	4	F42S120	F42S220	F42S320	F42S420	F42S520	F42S820	F42S920	10
32	5	F52S120	F52S220	F52S320		F52S520	F52S820	F52S920	10



POLES	3	4
AMPERE	16	

Flange a	70	70
Flange b	85	85
Hole spacing c	50	50
Hole spacing d	65	65
e	41	41
f	47	47
g	51	56
h	61	67
i	5,5	5,5
Weight [g/each]	111	116

## PANEL-MOUNTED SOCKET OUTLET, ANGLED 15°

splash-proof IP44

- screwless connection technology (plug2power)

All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31VL13.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	F31SL13	F31SL23	F31SL33	F31SL53	F31SL83	F31SL93	10
16	4	F41SL13	F41SL23	F41SL33	F41SL53	F41SL83	F41SL93	10

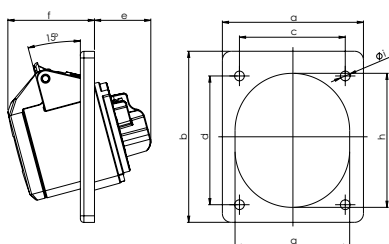


# CEE PANEL-MOUNTED SOCKET OUTLETS, ANGLED

according to IEC 60309, EN 60309, VDE 0623



plug2power<sup>b</sup>



POLES	3 <sup>a</sup>	4 <sup>a</sup>	3 <sup>b</sup>	4 <sup>b</sup>	5 <sup>b</sup>	3 <sup>b</sup>	4 <sup>b</sup>	5 <sup>b</sup>
AMPERE	16		16			32		

Flange a	80	80	80	80	80	80	80	80
Flange b	97	97	97	97	97	97	97	97
Hole spacing c	60	60	60	60	60	60	60	60
Hole spacing d	73	73	73	73	73	73	73	73
e	30	33	30	33	41	48	48	48
f	49	49	49	49	48	50	50	52
g	70	70	70	70	65	65	65	70
h	77	77	77	77	76	75	75	80
i	5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5
Weight [g/each]	116	136	116	136	138	186	210	233

## PANEL-MOUNTED SOCKET OUTLET, ANGLED 15°

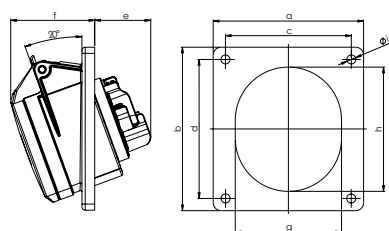
splash-proof IP44

- <sup>a</sup> screw terminals
- <sup>b</sup> screwless terminals (plug2power)

All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31V231.

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3 <sup>a</sup>	F31S131	F31S231	F31S331		F31S531	F31S831	F31S931	10
16	4 <sup>a</sup>	F41S131	F41S231	F41S331	F41S431	F41S531	F41S831	F41S931	10
16	3 <sup>b</sup>	F31SL1C	F31SL2C	F31SL3C		F31SL5C	F31SL8C	F31SL9C	10
16	4 <sup>b</sup>	F41SL1C	F41SL2C	F41SL3C		F41SL5C	F41SL8C	F41SL9C	10
16	5 <sup>b</sup>	F51SL1C	F51SL2C	F51SL3C		F51SL5C	F51SL8C	F51SL9C	10
32	3 <sup>b</sup>	F32SL1C	F32SL2C	F32SL3C		F32SL5C	F32SL8C	F32SL9C	10
32	4 <sup>b</sup>	F42SL1C	F42SL2C	F42SL3C		F42SL5C	F42SL8C	F42SL9C	10
32	5 <sup>b</sup>	F52SL1C	F52SL2C	F52SL3C		F52SL5C	F52SL8C	F52SL9C	10



POLES	5	5
AMPERE	16	32

Flange a	92	92
Flange b	100	100
Hole spacing c	77	77
Hole spacing d	85	85
e	36	41
f	49	59
g	70	77
h	77	88
i	5,5	5,5
Weight [g/each]	175	247

## PANEL-MOUNTED SOCKET OUTLET, ANGLED 20°

splash-proof IP44

- screw terminals

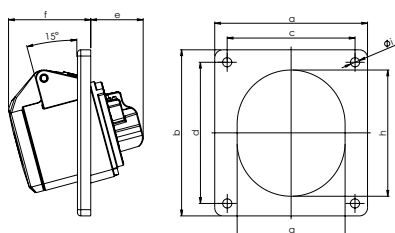
All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F51V133.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	5	F51S133	F51S233	F51S333	F51S533	F51S833	F51S933	10
32	5	F52S133	F52S233	F52S333	F52S533	F52S833	F52S933	10

# CEE PANEL-MOUNTED SOCKET OUTLETS, ANGLED

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	3	4
AMPERE	16		32	

Flange a	92	92	92	92
Flange b	100	100	100	100
Hole spacing c	77	77	77	77
Hole spacing d	85	85	85	85
e	30	33	38	38
f	49	49	59	59
g	70	70	77	77
h	77	77	88	88
i	5,5	5,5	5,5	5,5
Weight [g/each]	121	141	195	219

## PANEL-MOUNTED SOCKET OUTLET, ANGLED 15°

splash-proof IP44

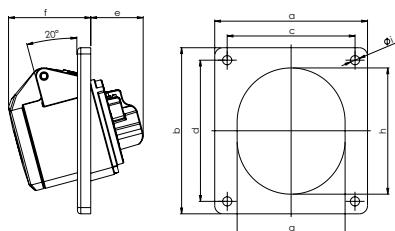
- screw terminals
- in three parts

All panel-mounted socket outlets are also available with **nickelplated** contacts.

Add a "V" instead of the "S" to the Item number e.g. F31V133.

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	F31S133	F31S233	F31S333		F31S533	F31S833	F31S933	10
16	4	F41S133	F41S233	F41S333	F41S433	F41S533	F41S833	F41S933	10
32	3	F32S133	F32S233	F32S333		F32S533	F32S833	F32S933	10
32	4	F42S133	F42S233	F42S333	F42S433	F42S533	F42S833	F42S933	10



POLES	3	4	5	3	4	5
AMPERE	16			32		

Flange a	92	92	92	92	92	92
Flange b	100	100	100	100	100	100
Hole spacing c	77	77	77	77	77	77
Hole spacing d	85	85	85	85	85	85
e	30	33	38	38	38	45
f	49	49	49	59	59	59
g	70	70	70	77	77	77
h	77	77	77	88	88	88
i	5,5	5,5	5,5	5,5	5,5	5,5
Weight [g/each]	121	141	169	195	219	230

## PANEL-MOUNTED SOCKET OUTLET, ANGLED 20°

splash-proof IP44

- screwless connection technology (plug2power)
- in three parts

All panel-mounted socket outlets are also available with **nickelplated** contacts.

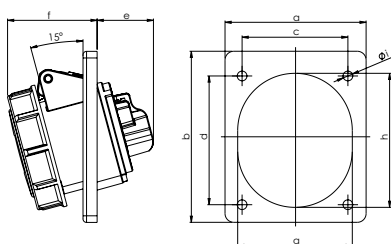
Add a "V" instead of the "S" to the Item number e.g. F31V133.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	F31SL1F	F31SL2F	F31SL3F	F31SL5F	F31SL8F	F31SL9F	10
16	4	F41SL1F	F41SL2F	F41SL3F	F41SL5F	F41SL8F	F41SL9F	10
16	5	F51SL1F	F51SL2F	F51SL3F	F51SL5F	F51SL8F	F51SL9F	10
32	3	F32SL1F	F32SL2F	F32SL3F	F32SL5F	F32SL8F	F32SL9F	10
32	4	F42SL1F	F42SL2F	F42SL3F	F42SL5F	F42SL8F	F42SL9F	10
32	5	F52SL1F	F52SL2F	F52SL3F	F52SL5F	F52SL8F	F52SL9F	10

# CEE PANEL-MOUNTED SOCKET OUTLETS, ANGLED

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4
AMPERE	16	
Flange a	80	80
Flange b	97	97
Hole spacing c	60	60
Hole spacing d	73	73
e	30	33
f	54	54
g	70	70
h	77	77
i	5,5	5,5
Weight [g/each]	157	174

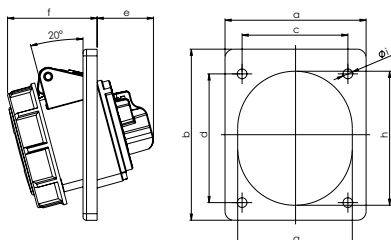
## PANEL-MOUNTED SOCKET OUTLET, ANGLED 15° watertight IP67

- screw terminals
- in three parts

All panel-mounted socket outlets are also available with **nickelplated** contacts.  
Add a "V" instead of the "S" to the Item number e.g. F31V181.

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	F31S181	F31S281	F31S381		F31S581	F31S881	F31S981	10
16	4	F41S181	F41S281	F41S381	F41S481	F41S581	F41S881	F41S981	10



POLES	3	4	5	3	4	5
AMPERE	16			32		
Flange a	80	80	80	80	80	80
Flange b	97	97	97	97	97	97
Hole spacing c	60	60	60	60	60	60
Hole spacing d	73	73	73	73	73	73
e	30	33	39	51	51	51
f	54	54	54	60	60	61
g	70	70	65	65	65	70
h	77	77	76	75	75	80
i	5,5	5,5	5,5	5,5	5,5	5,5
Weight [g/each]	157	174	168	224	248	278

## PANEL-MOUNTED SOCKET OUTLET, ANGLED 20° watertight IP67

- screwless connection technology (plug2power)
- in three parts

All panel-mounted socket outlets are also available with **nickelplated** contacts.  
Add a "V" instead of the "S" to the Item number e.g. F31VL1D.

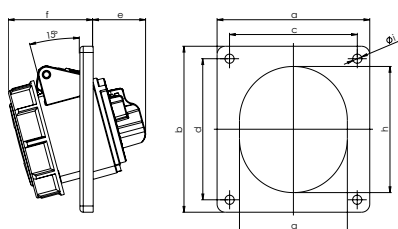
VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	F31SL1D	F31SL2D	F31SL3D	F31SL5D	F31SL8D	F31SL9D	10
16	4	F41SL1D	F41SL2D	F41SL3D	F41SL5D	F41SL8D	F41SL9D	10
16	5	F51SL1D	F51SL2D	F51SL3D	F51SL5D	F51SL8D	F51SL9D	10
32	3	F32SL1D	F32SL2D	F32SL3D	F32SL5D	F32SL8D	F32SL9D	10
32	4	F42SL1D	F42SL2D	F42SL3D	F42SL5D	F42SL8D	F42SL9D	10
32	5	F52SL1D	F52SL2D	F52SL3D	F52SL5D	F52SL8D	F52SL9D	10

plug2power

# CEE PANEL-MOUNTED SOCKET OUTLETS, ANGLED

according to IEC 60309, EN 60309, VDE 0623



POLES	3	4	5	3	4	5
AMPERE	16			32		

Flange a	92	92	92	92	92	92
Flange b	100	100	100	100	100	100
Hole spacing c	77	77	77	77	77	77
Hole spacing d	85	85	85	85	85	85
e	30	33	36	38	38	41
f	54	54	54	65	65	65
g	70	70	70	77	77	77
h	77	77	77	88	88	88
i	5,5	5,5	5,5	5,5	5,5	5,5
Weight [g/each]	152	172	206	226	250	278

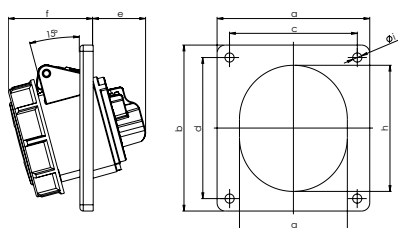
## PANEL-MOUNTED SOCKET OUTLET, ANGLED 15° watertight IP67

- screw terminals
- in three parts

All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31V183.

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	F31S183	F31S283	F31S383		F31S583	F31S883	F31S983	10
16	4	F41S183	F41S283	F41S383	F41S483	F41S583	F41S883	F41S983	10
16	5	F51S183	F51S283	F51S383		F51S583	F51S883	F51S983	10
32	3	F32S183	F32S283	F32S383		F32S583	F32S883	F32S983	10
32	4	F42S183	F42S283	F42S383	F42S483	F42S583	F42S883	F42S983	10
32	5	F52S183	F52S283	F52S383		F52S583	F52S883	F52S983	10



POLES	3	4	5	3	4	5
AMPERE	16			32		

Flange a	92	92	92	92	92	92
Flange b	100	100	100	100	100	100
Hole spacing c	77	77	77	77	77	77
Hole spacing d	85	85	85	85	85	85
e	30	33	36	38	38	41
f	54	54	54	65	65	65
g	70	70	70	77	77	77
h	77	77	77	88	88	88
i	5,5	5,5	5,5	5,5	5,5	5,5
Weight [g/each]	152	172	206	226	250	278

## PANEL-MOUNTED SOCKET OUTLET, ANGLED 15° watertight IP67

- screwless connection technology (plug2power)
- in three parts

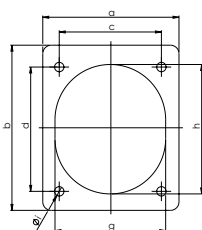
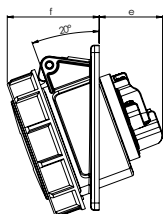
All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31V1G.

VOLTAGE	110 V~	230 V~	400 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	F31SL1G	F31SL2G	F31SL3G	F31SL5G	F31SL8G	F31SL9G	10
16	4	F41SL1G	F41SL2G	F41SL3G	F41SL5G	F41SL8G	F41SL9G	10
16	5	F51SL1G	F51SL2G	F51SL3G	F51SL5G	F51SL8G	F51SL9G	10
32	3	F32SL1G	F32SL2G	F32SL3G	F32SL5G	F32SL8G	F32SL9G	10
32	4	F42SL1G	F42SL2G	F42SL3G	F42SL5G	F42SL8G	F42SL9G	10
32	5	F52SL1G	F52SL2G	F52SL3G	F52SL5G	F52SL8G	F52SL9G	10

# CEE PANEL-MOUNTED SOCKET OUTLETS, ANGLED

according to IEC 60309, EN 60309, VDE 0623



plug<sup>a</sup>power<sup>b</sup>

POLES	3 <sup>a</sup>	4 <sup>a</sup>	5 <sup>a</sup>	3 <sup>a</sup>	4 <sup>a</sup>	5 <sup>a</sup>	3 <sup>b</sup>	4 <sup>b</sup>
AMPERE	16			32			16	

Flange a	70	70	80	80	80	80	70	70
Flange b	85	85	97	97	97	97	85	85
Hole spacing c	50	50	60	60	60	60	50	50
Hole spacing d	65	65	73	73	73	73	65	65
e	38	38	39	51	51	51	38	38
f	49	50	54	60	60	61	49	50
g	51	56	65	65	65	70	51	56
h	61	67	76	75	75	80	61	67
i	5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5
Weight [g/each]	124	141	168	224	248	278	124	141

## PANEL-MOUNTED SOCKET OUTLET, ANGLED 20°

watertight IP67

- <sup>a</sup> screw terminals
- <sup>b</sup> screwless terminals (plug2power)

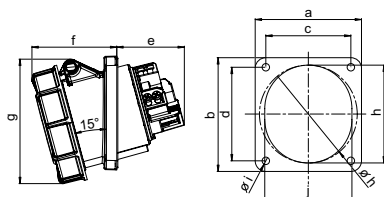
All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31V270.

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3 <sup>a</sup>	F31S170	F31S270	F31S370		F31S570	F31S870	F31S970	10
16	4 <sup>a</sup>	F41S170	F41S270	F41S370	F41S470	F41S570	F41S870	F41S970	10
16	5 <sup>a</sup>	F51S170	F51S270	F51S370		F51S570	F51S870	F51S970	10
32	3 <sup>a</sup>	F32S170	F32S270	F32S370		F32S570	F32S870	F32S970	10
32	4 <sup>a</sup>	F42S170	F42S270	F42S370	F42S470	F42S570	F42S870	F42S970	10
32	5 <sup>a</sup>	F52S170	F52S270	F52S370		F52S570	F52S870	F52S970	10
16	3 <sup>b</sup>	F31SL18	F31SL28	F31SL38		F31SL58	F31SL88	F31SL98	10
16	4 <sup>b</sup>	F41SL18	F41SL28	F41SL38		F41SL58	F41SL88	F41SL98	10

# CEE PANEL-MOUNTED SOCKET OUTLETS, ANGLED

according to IEC 60309, EN 60309, VDE 0623



POLES	3 <sup>a</sup>	4 <sup>a</sup>	5 <sup>a</sup>	3 <sup>b</sup>	4 <sup>b</sup>	5 <sup>b</sup>	3 <sup>c</sup>	4 <sup>c</sup>	5 <sup>c</sup>
AMPERE	63			63			63		

Flange a	100	100	100	100	100	100	106	106	106
Flange b	112	112	112	107	107	107	110	110	110
Hole spacing c	80	80	80	77	77	77	90	90	90
Hole spacing d	88	88	88	85	85	85	90	90	90
e	64	64	64	64	64	64	64	64	64
f	80	80	80	80	80	80	80	80	80
g	119	119	119	119	119	119	119	119	119
h	92	92	92	92	92	92	92	92	92
i	7	7	7	7	7	7	7	7	7
j	82	82	82	82	82	82	82	82	82
Weight [g/each]	498	529	675	494	525	671	500	532	678

## PANEL-MOUNTED SOCKET OUTLET, ANGLED 15° watertight IP67

- HighPower version
- with pilot contact
- screw terminals

<sup>a</sup> with flange 112 x 100 mm

<sup>b</sup> with flange 107 x 100 mm

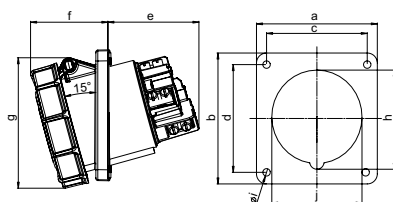
<sup>c</sup> with flange 110 x 106 mm

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
63	3 <sup>a</sup>	F33S186	F33S286	F33S386		F33S586	F33S886	F33S986	2
63	4 <sup>a</sup>	F43S186	F43S286	F43S386	F43S486	F43S586	F43S886	F43S986	2
63	5 <sup>a</sup>	F53S186	F53S286	F53S386		F53S586	F53S886	F53S986	2
63	3 <sup>b</sup>	F33S184	F33S284	F33S384		F33S584	F33S884	F33S984	2
63	4 <sup>b</sup>	F43S184	F43S284	F43S384	F43S484	F43S584	F43S884	F43S984	2
63	5 <sup>b</sup>	F53S184	F53S284	<b>F53S384</b>		F53S584	F53S884	F53S984	2
63	3 <sup>c</sup>	F33S185	F33S285	F33S385		F33S585	F33S885	F33S985	2
63	4 <sup>c</sup>	F43S185	F43S285	F43S385	F43S485	F43S585	F43S885	F43S985	2
63	5 <sup>c</sup>	F53S185	F53S285	F53S385		F53S585	F53S885	F53S985	2

# CEE PANEL-MOUNTED SOCKET OUTLETS, ANGLED

according to IEC 60309, EN 60309, VDE 0623



POLES	3 <sup>a</sup>	4 <sup>a</sup>	5 <sup>a</sup>	3 <sup>b</sup>	4 <sup>b</sup>	5 <sup>b</sup>
AMPERE	125			125		

Flange a	120	120	120	114	114	114
Flange b	130	130	130	114	114	114
Hole spacing c	100	100	100	90	90	90
Hole spacing d	108	108	108	90	90	90
e	92	92	92	92	92	92
f	77	77	77	77	77	77
g	130	130	130	130	130	130
h	102	102	102	102	102	102
i	7	7	7	7	7	7
j	90	90	90	90	90	90
Weight [g/each]	804	892	999	792	880	987

## PANEL-MOUNTED SOCKET OUTLET, ANGLED 15°

watertight IP67

- HighPower version
- with pilot contact
- screw terminals

<sup>a</sup> with flange 130 x 120 mm

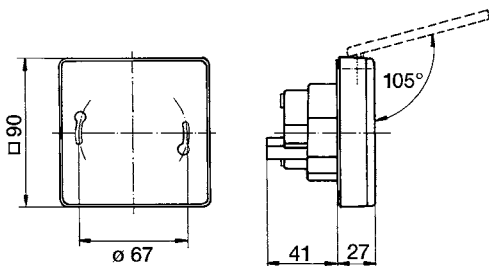
<sup>b</sup> with flange 114 x 114 mm

VOLTAGE	110 V~	230 V~	400 V~	440 V~	500 V~	>50-500 V~	>50-500 V~
FREQUENCY	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	100-300 Hz	301-500 Hz
DESIGNATION	4h	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h	11h	7h	10h	2h

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
125	3 <sup>a</sup>	F34S187	F34S287	F34S387		F34S587	F34S887	F34S987	2
125	4 <sup>a</sup>	F44S187	F44S287	F44S387	F44S487	F44S587	F44S887	F44S987	2
125	5 <sup>a</sup>	F54S187	F54S287	F54S387		F54S587	F54S887	F54S987	2
125	3 <sup>b</sup>	F34S188	F34S288	F34S388		F34S588	F34S888	F34S988	2
125	4 <sup>b</sup>	F44S188	F44S288	F44S388	F44S488	F44S588	F44S888	F44S988	2
125	5 <sup>b</sup>	F54S188	F54S288	<b>F54S388</b>		F54S588	F54S888	F54S988	2

# CEE FLUSH-MOUNTED SOCKET OUTLET

according to IEC 60309, EN 60309, VDE 0623



VOLTAGE	400 V~
FREQUENCY	50/60 Hz
DESIGNATION	6h

AMPERE	POLES	ITEM NO.	PA-CKING UNIT
16	5	D 51.33	10

Weight: 183 g/each

## CEE FLUSH-MOUNTED SOCKET OUTLET

splash-proof IP44

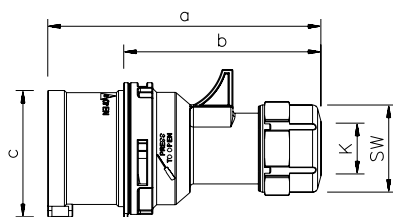
shipment: with in-wall box

# EVENTLINE

according to IEC 60309, EN 60309, VDE 0623



turn2fix



## PLUG, BLACK

splash-proof IP44

- screw terminals
- quick release locking system (turn2fix)

All plugs are also available with **nickel-plated** contacts. Add a "V" instead of the second "S" to the Item number e.g. S31V20B.

POLES	3	4	5	3	4	5
AMPERE	16			32		

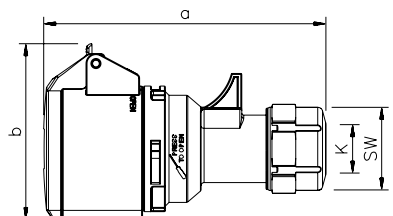
a	118	124	131	146	146	152
b	82	88	95	100	100	106
c	47	53	61	63	63	70
K	6-15	6-15	8-16	10-20	10-20	12-22
SW	38	38	42	50	50	50
Weight [g/each]	104	127	150	181	200	230

VOLTAGE	230 V~	400 V~
FREQUENCY	50/60 Hz	50/60 Hz
DESIGNATION	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h

AMPERE	PO-LES	ITEM NO.	ITEM NO.	PA-CKING UNIT
16	3	S31S20B		10
16	4		S41S30B	10
16	5		S51S30B	10
32	3	S32S20B		10
32	4		S42S30B	10
32	5		S52S30B	10



turn2fix



## CONNECTOR, BLACK

splash-proof IP44

- hinged lid with thumb grip
- screw terminals
- quick release locking system (turn2fix)

All connectors are also available with **nickel-plated** contacts. Add a "V" instead of the "S" to the Item number e.g. K31V20B.

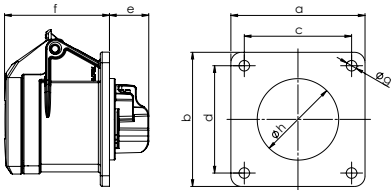
POLES	3	4	5	3	4	5
AMPERE	16			32		

a	129	135	142	159	159	165
b	76	80	89	92	92	98
K	6-15	6-15	8-16	10-20	10-20	12-22
SW	38	38	42	50	50	50
Weight [g/each]	137	161	183	225	244	278

VOLTAGE	230 V~	400 V~
FREQUENCY	50/60 Hz	50/60 Hz
DESIGNATION	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h

AMPERE	PO-LES	ITEM NO.	ITEM NO.	PA-CKING UNIT
16	3	K31S20B		10
16	4		K41S30B	10
16	5		K51S30B	10
32	3	K32S20B		10
32	4		K42S30B	10
32	5		K52S30B	10





POLES	3	4	5	3	4	5
AMPERE	16			32		

a and b	70	70	70	70	70	70
c and d	56	56	56	56	56	56
e	21	21	21	23	23	23
f	55	55	55	67	67	67
g	5,5	5,5	5,5	5,5	5,5	5,5
h	43	45	55	55	55	58
Weight [g/each]	113	128	150	164	181	213

PANEL-MOUNTED  
SOCKET OUTLET,  
STRAIGHT, BLACK

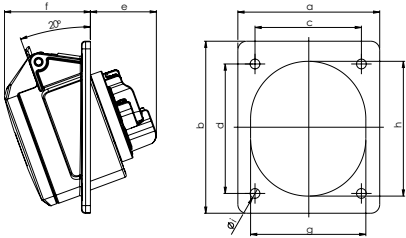
splash-proof IP44

- screw terminals

All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31V20B.

VOLTAGE	230 V~	400 V~
FREQUENCY	50/60 Hz	50/60 Hz
DESIGNATION	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h

AMPERE	PO-LES	ITEM NO.	ITEM NO.	PA-CKING UNIT
16	3	F31S20B		10
16	4		F41S30B	10
16	5		F51S30B	10
32	3	F32S20B		10
32	4		F42S30B	10
32	5		F52S30B	10



POLES	3	4	5	3	4	5
AMPERE	16			32		

Flange a	70	70	80	80	80	80
Flange b	85	85	97	97	97	97
Hole spacing c	50	50	60	60	60	60
Hole spacing d	65	65	73	73	73	73
e	38	38	39	51	51	51
f	47	47	48	50	50	52
g	51	56	65	65	65	70
h	61	67	76	75	75	80
i	5,5	5,5	5,5	5,5	5,5	5,5
Weight [g/each]	112	117	144	198	222	250

PANEL-MOUNTED  
SOCKET OUTLET,  
ANGLED 20°, BLACK

splash-proof IP44

- screw terminals

All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F31V22B.

VOLTAGE	230 V~	400 V~
FREQUENCY	50/60 Hz	50/60 Hz
DESIGNATION	3p = 6h 4p/5p = 9h	3p = 9h 4p/5p = 6h

AMPERE	PO-LES	ITEM NO.	ITEM NO.	PA-CKING UNIT
16	3	F31S22B		10
16	4		F41S32B	10
16	5		F51S32B	10
32	3	F32S22B		10
32	4		F42S32B	10
32	5		F52S32B	10

# CEE CONTAINER PLUGS AND SOCKET OUTLETS



## CONTAINER PLUG

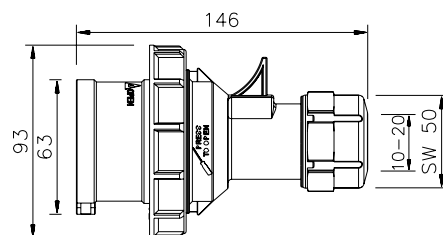
watertight IP67

- screw terminals
- quick release locking system (turn2fix)
- 32A 4p 3h 440V
- nickel-plated contacts

Packing unit: 10 pieces

Item no. S42V05

turn2fix



## CONTAINER CONNECTOR

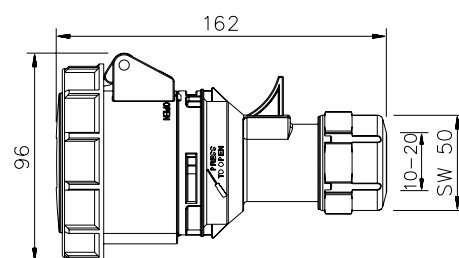
watertight IP67

- screw terminals
- quick release locking system (turn2fix)
- 32A 4p 3h 440V
- nickel-plated contacts

Packing unit: 10 pieces

Item no. K42V05

turn2fix



## CONTAINER WALL-MOUNTED SOCKET OUTLET

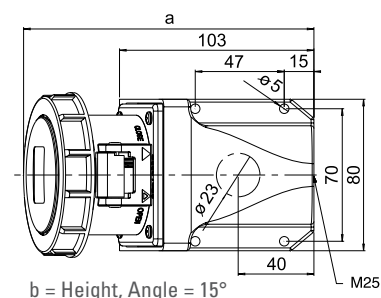
watertight IP67

- screw terminals
- quick release locking system (turn2fix)
- 32A 4p 3h 440V
- nickel-plated contacts

Packing unit: 5 pieces

Item no. D42V05

turn2fix



## CONTAINER PANEL-MOUNTED SOCKET OUTLET, STRAIGHT

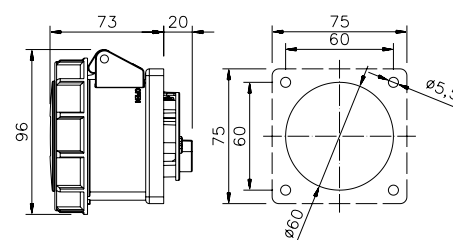
watertight IP67

- screw terminals
- quick release locking system (turn2fix)
- 32A 4p 3h 440V
- nickel-plated contacts

Packing unit: 10 pieces

Item no. F42V050

turn2fix



## CONTAINER PANEL-MOUNTED SOCKET OUTLET, ANGLED

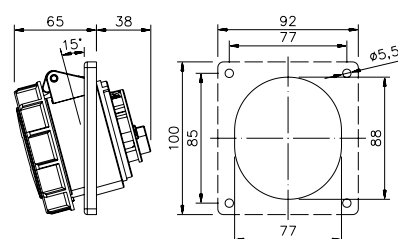
watertight IP67

- screw terminals
- quick release locking system (turn2fix)
- 32A 4p 3h 440V

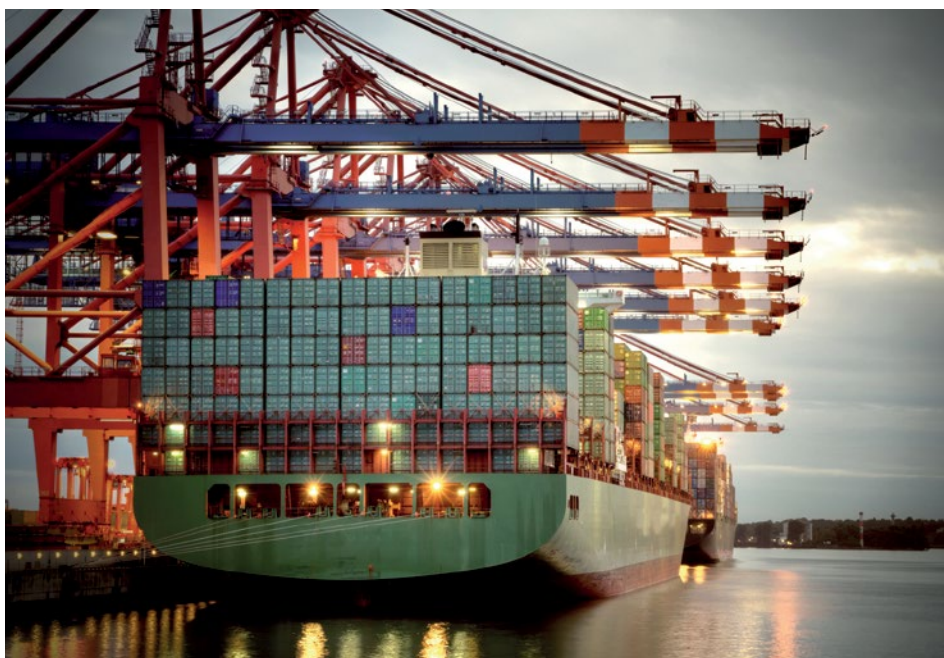
Packing unit: 10 pieces

Item no. F42V083

turn2fix



# CEE CONTAINER WALL-MOUNTED SOCKET OUTLETS



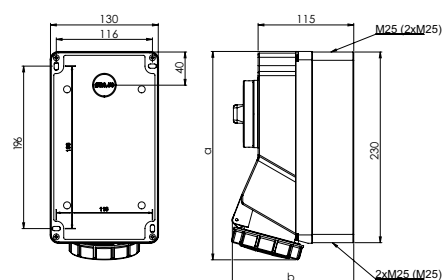
- PC / ABS casing
- Nickel-plated contacts
- wall-mounted shipping container socket outlets with windows for 5 modules (cap installation Size: 45 mm)
- Mechanical locking: after inserting the plug and switching on, the plug is locked after switching off and removing the plug, the switch is locked
- All modules are mounted on one base
- Large space for wiring
- Wiring can be looped through
- Wired
- Can be locked in the OFF position with a padlock (4 mm)
- Reverse configuration (switch below, window above) available upon request



## CONTAINER WALL-MOUNTED SOCKET OUTLET

- watertight IP67
- 32A 4p 3h 440V
  - nickel-plated contacts
  - up to 3 x M25
  - with mechanical locking
  - lockable with padlock

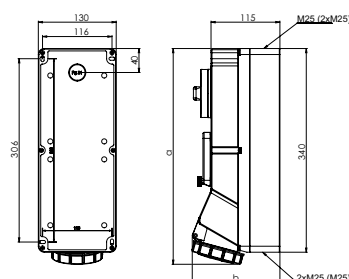
Packing unit: 1 piece  
Item no. C42S052



## CONTAINER WALL-MOUNTED SOCKET OUTLET

- watertight IP67
- 32A 4p 3h 440V
  - nickel-plated contacts
  - with fuse element D02-3p 440V
  - up to 3 x M25
  - with mechanical locking
  - lockable with padlock

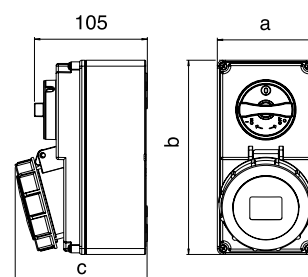
Packing unit: 1 piece  
Item no. C42S070



## CONTAINER WALL-MOUNTED SOCKET OUTLET

- watertight IP67
- 32A 4p 3h 440V
  - with mechanical locking
  - lockable with padlock

Packing unit: 1 piece  
Item no. C42S051

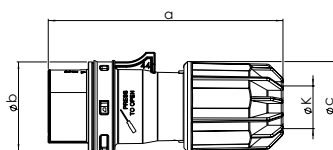


# CEE LOW-VOLTAGE PLUGS AND SOCKET OUTLETS

according to IEC 60309, EN 60309, VDE 0623



turn2fix



POLES	2	3	2	3
AMPERE	16		32	

a	135	135	135	135
b	51	51	51	51
c	51	51	51	51
K	8-24	8-24	8-24	8-24
Weight [g/each]	142	154	142	154

## PLUG

splash-proof IP44

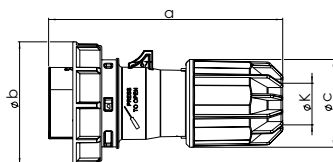
- screw terminals
- quick release locking system (turn2fix)
- nickel-plated contacts

VOLTAGE	24 V~	42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~
FREQUENCY	50/60 HZ	50/60 HZ	100-200 HZ	300 HZ	400 HZ	401-500 HZ	DC
DESIGNATION	WITHOUT AUXILIARY NOTCH	12H	4H	2H	3H	11H	10H

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	2	S01S20	S01S60	S01S10	S01S90	S01S00	S01S40	S01S80	10
16	3	S11S20	S11S60	S11S10	S11S90	S11S00	S11S40	S11S80	10
32	2	S02S20	S02S60	S02S10	S02S90	S02S00	S02S40	S02S80	10
32	3	S12S20	S12S60	S12S10	S12S90	S12S00	S12S40	S12S80	10



turn2fix



POLES	2	3	2	3
AMPERE	16		32	

a	135	135	135	135
b	71	71	71	71
c	51	51	51	51
K	8-24	8-24	8-24	8-24
Weight [g/each]	157	169	157	169

## PLUG

watertight IP67

- screw terminals
- quick release locking system (turn2fix)
- nickel-plated contacts

VOLTAGE	24 V~	42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~
FREQUENCY	50/60 HZ	50/60 HZ	100-200 HZ	300 HZ	400 HZ	401-500 HZ	DC
DESIGNATION	WITHOUT AUXILIARY NOTCH	12H	4H	2H	3H	11H	10H

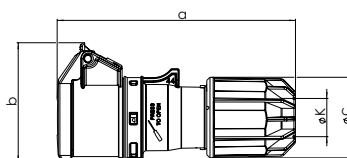
AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	2	S01S25	S01S65	S01S15	S01S95	S01S05	S01S45	S01S85	10
16	3	S11S25	S11S65	S11S15	S11S95	S11S05	S11S45	S11S85	10
32	2	S02S25	S02S65	S02S15	S02S95	S02S05	S02S45	S02S85	10
32	3	S12S25	S12S65	S12S15	S12S95	S12S05	S12S45	S12S85	10

# CEE LOW-VOLTAGE PLUGS AND SOCKET OUTLETS

according to IEC 60309, EN 60309, VDE 0623



turn2fix



POLES	2	3	2	3
AMPERE	16		32	

a	150	150	150	150
b	75	75	75	75
c	51	51	51	51
K	8-24	8-24	8-24	8-24
Weight [g/each]	177	196	177	196

## CONNECTOR

splash-proof IP44

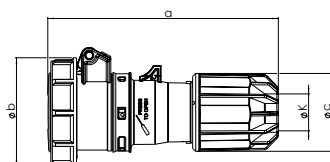
- screw terminals
- quick release locking system (turn2fix)
- nickel-plated contacts

VOLTAGE	24 V~	42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~
FREQUENCY	50/60 HZ	50/60 HZ	100-200 HZ	300 HZ	400 HZ	401-500 HZ	DC	DC
DESIGNATION	WITHOUT AUXILIARY NOTCH	12H	4H	2H	3H	11H	10H	10H

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	2	K01S20	K01S60	K01S10	K01S90	K01S00	K01S40	K01S80	10
16	3	K11S20	K11S60	K11S10	K11S90	K11S00	K11S40	K11S80	10
32	2	K02S20	K02S60	K02S10	K02S90	K02S00	K02S40	K02S80	10
32	3	K12S20	K12S60	K12S10	K12S90	K12S00	K12S40	K12S80	10



turn2fix



POLES	2	3	2	3
AMPERE	16		32	

a	150	150	150	150
b	78	78	78	78
c	51	51	51	51
K	8-24	8-24	8-24	8-24
Weight [g/each]	195	214	195	214

## CONNECTOR

watertight IP67

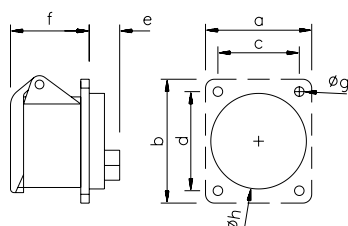
- screw terminals
- quick release locking system (turn2fix)
- nickel-plated contacts

VOLTAGE	24 V~	42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~
FREQUENCY	50/60 HZ	50/60 HZ	100-200 HZ	300 HZ	400 HZ	401-500 HZ	DC	DC
DESIGNATION	WITHOUT AUXILIARY NOTCH	12H	4H	2H	3H	11H	10H	10H

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	2	K01S25	K01S65	K01S15	K01S95	K01S05	K01S45	K01S85	10
16	3	K11S25	K11S65	K11S15	K11S95	K11S05	K11S45	K11S85	10
32	2	K02S25	K02S65	K02S15	K02S95	K02S05	K02S45	K02S85	10
32	3	K12S25	K12S65	K12S15	K12S95	K12S05	K12S45	K12S85	10

# CEE LOW-VOLTAGE PLUGS AND SOCKET OUTLETS

according to IEC 60309, EN 60309, VDE 0623



POLES	2	2
AMPERE	16	32

Flange a	60	60
Flange b	70	70
Hole spacing c	47	47
Hole spacing d	53	53
e	19	19
f	28	28
g	5	5
h	43	43
Weight [g/each]	112	112

## PANEL-MOUNTED SOCKET OUTLET, STRAIGHT

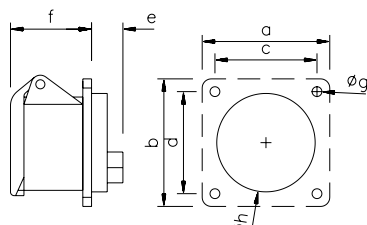
splash-proof IP44

All panel-mounted socket outlets are also available with **nickelplated** contacts.

Add a "V" instead of the "S" to the Item number e.g. F01V202.

VOLTAGE	24 V~	42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~
FREQUENCY	50/60 HZ	50/60 HZ	100-200 HZ	300 HZ	400 HZ	401-500 HZ	DC
DESIGNATION	WITHOUT AUXILIARY NOTCH	12H	4H	2H	3H	11H	10H

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	2	F01S202	F01S602	F01S102	F01S902	F01S002	F01S402	F01S802	10
32	2	F02S202	F02S602	F02S102	F02S902	F02S002	F02S402	F02S802	10



POLES	3	3
AMPERE	16	32

a and b	55	55
c and d	41	41
e	19	19
f	45	45
g	5	5
h	43	43
Weight [g/each]	132	132

## PANEL-MOUNTED SOCKET OUTLET, STRAIGHT

splash-proof IP44

All panel-mounted socket outlets are also available with **nickelplated** contacts.

Add a "V" instead of the "S" to the Item number e.g. F11V204.

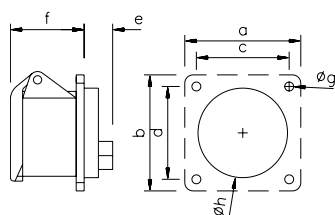
VOLTAGE	24 V~	42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~
FREQUENCY	50/60 HZ	50/60 HZ	100-200 HZ	300 HZ	400 HZ	401-500 HZ	DC
DESIGNATION	WITHOUT AUXILIARY NOTCH	12H	4H	2H	3H	11H	10H

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	3	F11S204	F11S604	F11S104	F11S904	F11S004	F11S404	F11S804	10
32	3	F12S204	F12S604	F12S104	F12S904	F12S004	F12S404	F12S804	10



# CEE LOW-VOLTAGE PLUGS AND SOCKET OUTLETS

according to IEC 60309, EN 60309, VDE 0623



POLES	2	3	2	3
AMPERE	16		32	

a and b	55	55	55	55
c and d	45	45	45	45
e	19	19	19	19
f	41	41	41	41
g	5	5	5	5
h	43	43	43	43
Weight [g/each]	112	132	112	132

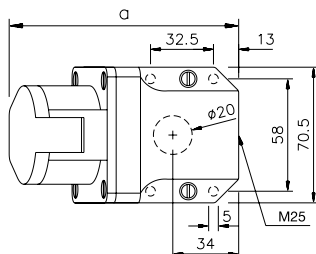
## PANEL-MOUNTED SOCKET OUTLET, STRAIGHT

splash-proof IP44

All panel-mounted socket outlets are also available with **nickelplated** contacts. Add a "V" instead of the "S" to the Item number e.g. F01V203.

VOLTAGE	24 V~	42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~
FREQUENCY	50/60 HZ	50/60 HZ	100-200 HZ	300 HZ	400 HZ	401-500 HZ	DC
DESIGNATION	WITHOUT AUXILIARY NOTCH	12H	4H	2H	3H	11H	10H

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	2	F01S203	F01S603	F01S103	F01S903	F01S003	F01S403	F01S803	10
16	3	F11S203	F11S603	F11S103	F11S903	F11S003	F11S403	F11S803	10
32	2	F02S203	F02S603	F02S103	F02S903	F02S003	F02S403	F02S803	10
32	3	F12S203	F12S603	F12S103	F12S903	F12S003	F12S403	F12S803	10



POLES	2	3	2	3
AMPERE	16		32	

a	119	119	119	119
b	84,5	84,5	84,5	84,5
Weight [g/each]	194	214	194	214

b = Height,  
Angle = 15°

## WALL-MOUNTED SOCKET OUTLET

splash-proof IP44

· cable entry above, below or behind

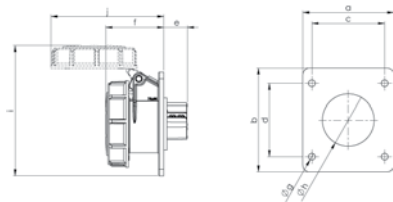
All wall-mounted socket outlets are also available with **nickel-plated** contacts. Add a "V" instead of the "S" to the Item number e.g. D01V20.

VOLTAGE	24 V~	42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~
FREQUENCY	50/60 HZ	50/60 HZ	100-200 HZ	300 HZ	400 HZ	401-500 HZ	DC
DESIGNATION	WITHOUT AUXILIARY NOTCH	12H	4H	2H	3H	11H	10H

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	2	D01S20	D01S60	D01S10	D01S90	D01S00	D01S40	D01S80	10
16	3	D11S20	D11S60	D11S10	D11S90	D11S00	D11S40	D11S80	10
32	2	D02S20	D02S60	D02S10	D02S90	D02S00	D02S40	D02S80	10
32	3	D12S20	D12S60	D12S10	D12S90	D12S00	D12S40	D12S80	10

# CEE LOW-VOLTAGE PLUGS AND SOCKET OUTLETS

according to IEC 60309, EN 60309, VDE 0623



POLES	2	3	2	3
AMPERE	16		32	

a	54	54	54	54
b	60	60	60	60
c	44	44	44	44
d	44	44	44	44
e	19	19	19	19
f	48	48	48	48
g	5,5	5,5	5,5	5,5
h	43	43	43	43
Weight [g/each]	131	151	131	151

## PANEL-MOUNTED SOCKET OUTLET, STRAIGHT

watertight IP67

- screw terminals
- nickel-plated contacts

VOLTAGE	24 V~	42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V~	24/42 V=
FREQUENCY	50/60 HZ	50/60 HZ	100-200 HZ	300 HZ	400 HZ	401-500 HZ	DC
DESIGNATION	WITHOUT AUXILIARY NOTCH	12H	4H	2H	3H	11H	10H

AMPERE	POLES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	PACKING UNIT
16	2	F01S254	F01S654	F01S154	F01S954	F01S054	F01S454	F01S854	10
16	3	F11S254	F11S654	F11S154	F11S954	F11S054	F11S454	F11S854	10
32	2	F02S254	F02S654	F02S154	F02S954	F02S054	F02S454	F02S854	10
32	3	F12S254	F12S654	F12S154	F12S954	F12S054	F12S454	F12S854	10



# CEE PLUGS AND SOCKETS

according to IEC 60309, EN 60309, VDE 0623

Only round plug connections in accordance with VDE 0623 are permitted as three-phase plug connections according to VDE 0100-550. Exceptions: domestic installations, sewing halls, laboratories and such (PERILEX is still used in such facilities).

For alternating-current networks on construction sites, round plug connections according to VDE 0623 in type EN 60309-2 are required in addition to the SCHUKO plug connections for difficult conditions. This is also true for agricultural premises.

At camping sites and boat moorings as well as connections for caravans, round plug connections acc. to VDE 0623 in type EN 60309-2 are required according to VDE 0100-721. This is also valid for show-type vehicles and caravans.

**Round plug connections in UL versions according to UL 1682/86 are available upon request!**

Clock face position of the protective contact and colour indicator  
Viewed from the front of the connector sockets to the contact socket

	4 h	9 h	6 h	11 h	7 h	5 h	12 h	1 h	10 h	2 h	3 h	8 h
FREQUENCY (Hz)	50-60	50-60	50-60	60	50-60	50-60	50-60	–	100-300	OVER 300 TO 500	50-60	

VOLTAGE (V)	57/100 TO 75/130	120/208 TO 144/250	200/346 TO 240/415	250/400 TO 265/460	277/480 TO 288/500	347/600 TO 400/690		OVER 50	OVER 50	OVER 50	220/380 TO 250/440 16 + 32 A	
5-pole 3-pole + N + ⊕												
VOLTAGE (V)	100-130	200-250	380-415	440-460	480-500	600-690	VOLTAGE ACCORDING TO ISOLATING TRANSFORMER*		OVER 50	OVER 50	380-440 ONLY FOR 16 + 32 A 1)	
4-pole 3-pole + ⊕												
VOLTAGE (V)	100-130	380-415	200-250		480-500	277*	VOLTAGE ACCORDING TO ISOLATING TRANSFORMER*		*		OVER 50 TO 250 DC	OVER 250 DC
3-pole 2-pole + ⊕												

63 A + 125 A plug connections with pilot contact

\*) These versions are not part of the standards specified.  
1) only for reefer container

The position of the auxiliary nose to the earth nose for voltages up to 50 V and frequencies up to 500 Hz and colour markings  
View from the front side of the connector sockets to the contact sockets

	–	12 h	4 h	2 h	3 h	11 h	10 h
FREQUENCY (Hz)	50-60	50-60	100-200	300	400	OVER 400 TO 500	DC
VOLTAGE (V)	20-25	40-50	40-50	UP TO 50	UP TO 50	UP TO 50	UP TO 50

2-pole							
3-pole							

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# CEE PLUGS AND SOCKETS

according to IEC 60309, EN 60309, VDE 0623

## CEE17 Plug connection

The generally used term “CEE17 plug connection” is derived from the standardisation of the CEE Publication 17 from 1966 which is no longer valid.

For this, the requirements for plug connections for industrial purposes are described in the INTERNATIONAL COMMISSION ON RULES FOR THE APPROVAL OF ELECTRICAL EQUIPMENT (short CEE).

## Standardisation IEC

Today, “CEE17 plug connections” for industrial use are internationally standardised by IEC 60309-1 and IEC 60309-2. The IEC (International Electronics Commission), located in Geneva, is a standards organisation working worldwide in the areas of electronics and electrotechnology.

## Standardisation CENLEC

The European Committee for Electrotechnical Standardisation (short CENLEC) took the standards requirements from IEC 60309 and implemented in European Standard EN 60309 without any changes.

CENLEC is responsible for European standardisation in the area of electrotechnology. Member countries of CENLEC are the national electrotechnology committees of Belgium, Denmark, Germany, Estonia, Finland, France, Greece, Ireland, Iceland, Italy, Latvia, Lithuania, Luxemburg, Malta, Netherlands, Norway, Austria, Poland, Portugal, Romania, Sweden, Switzerland, Slovakia, Slovenia, Spain, Czech Republic, Hungary, the United Kingdom and Cyprus.

## RoHS Directive 2002/95/EG

The directive on banning hazardous materials regulates the limitations for putting lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE) in electric and electronic devices on the market.

Our industrial plug connections do not fall under the jurisdiction of the RoHS Directive 2002/95/EG. However, if these were to be installed in devices or their components which fall under the jurisdiction of this directive, they would be in accordance with the restrictions set down in the RoHS directive.

The following devices and components built into devices fall under the jurisdiction of the RoHS:

Large home appliances, small home appliances, IT and telecommunication devices, consumer electronics devices, lighting devices, lamps and lights in households, electric transformers built into lighting, switches, motion detectors and ballasts, electric and electronic tools (with the exception of large, anchored, industrial tools), toys as well as sporting and leisure devices, automated vending machines as well as the connection cables and plugs associated with the above.

## System for compatibility and distinctiveness

Through the international standardisation of industrial plug connections, the most important measurements, for example, are so designed that plug connections with the same rated currents, rated operational voltage ranges, same number of poles and frequency from different manufacturers are compatible with one another.

In addition, 12 different standardised clock-hour positions for the protective contact, in relation to the non-interchangeable nose on the protective collar, prevent devices with different rated values being connected to each other.

If the label of an industrial plug connection has the number “9” followed by the letter “h” (hour), this gives the position of the protective contact socket if one looks at the front side of a socket or connector and compares it to the face of a clock. For this, the slot in the protective collar must be turned to 6 o'clock.

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