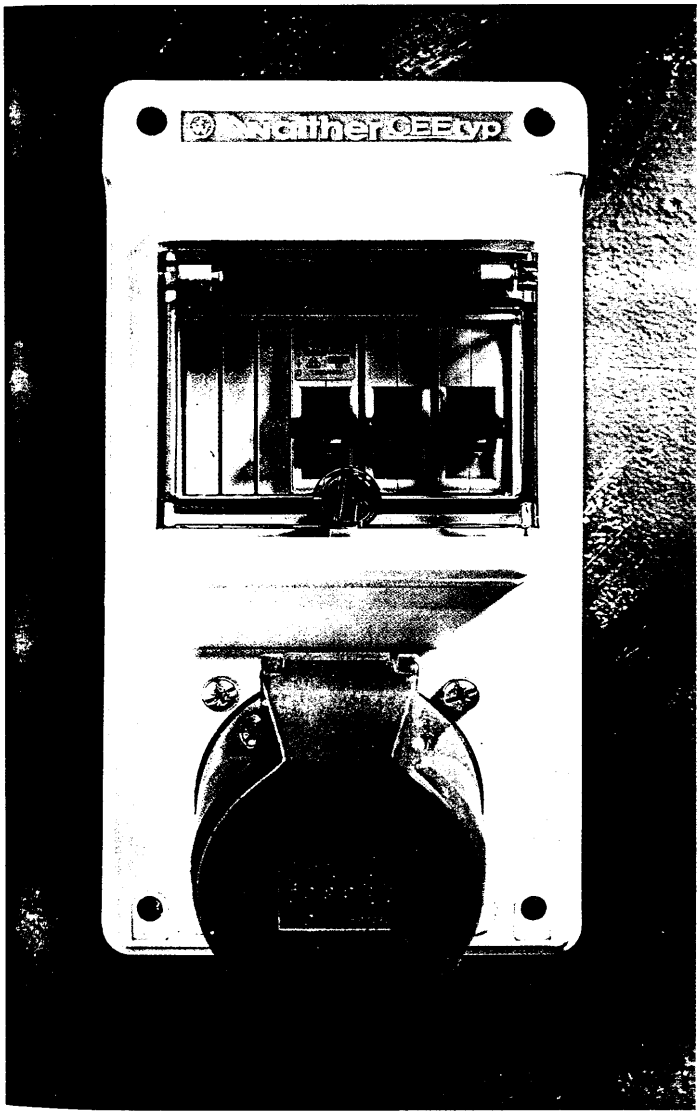
718 3604 +

switched
switched and fused
with or without interlocking
fused



Walther wall socket outlets
can also be supplied with
RCD, MCB or RCBO.

Page

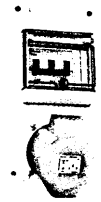
Wall socket outlets
with switch
IP 44 and IP 67
16 - 125 A

without interlocking 2/48
with interlocking 2/49

Wall socket outlets
with DIN-rail
IP 44 and IP 67
16 - 125 A

2/50

Wall socket outlets
IP 44 and IP 67
complete with
MCB 2/51
RCD 2/52
Neozed 2/53
Diazed 2/54
NH or contactor 2/55



Wall socket outlets
with DIN-rail and switch
IP 44 and IP 67
with or without double interlocking

2/56

Wall socket outlets fused
IP 44 and IP 67
with or without double interlocking
complete with
MCB 2/57
RCD 2/58
Neozed 2/59
Diazed 2/60

7183604

walther

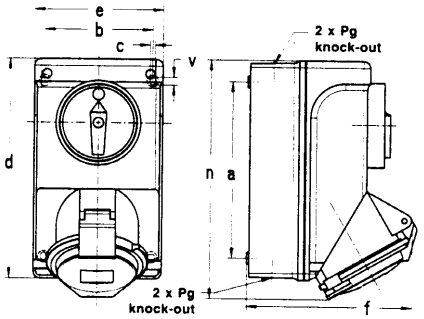
Amp	Volt	Hz	IP Ident. colour + h	Part No.
			IP44	
16	400	50/60	6	531 25 16
	110	50/60	4	531 25 14
	230	50/60	9	531 25 19
32	400	50/60	6	531 25 36 ✳
	110	50/60	4	531 25 34
	230	50/60	9	531 25 39
63	400	50/60	6	531 25 66
	110	50/60	4	531 25 64
	230	50/60	9	531 25 69
			IP67	
16	400	50/60	6	531 35 16
	110	50/60	4	531 35 14
	230	50/60	9	531 35 19
32	400	50/60	6	531 35 36
	110	50/60	4	531 35 34
	230	50/60	9	531 35 39
63	400	50/60	6	531 35 66
	110	50/60	4	531 35 64
	230	50/60	9	531 35 69
125	400	50/60	6	531 35 76
	110	50/60	4	531 35 74
	230	50/60	9	531 35 79

Wall socket outlets with switch

3 P + N + ⏚

IEC/EN 60 309

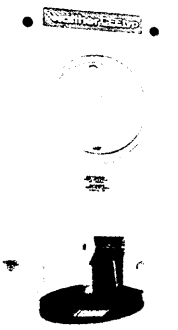
with double interlocking, switch 3 pole

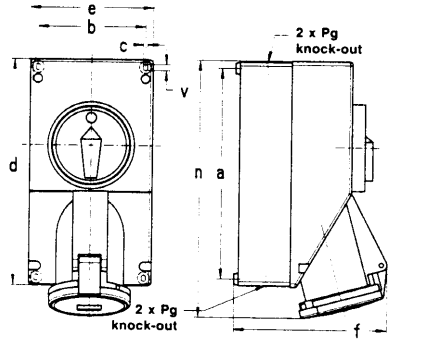


Ampère	a	b	c	d	e	f	n	v	Pg
16 A	127	78	4,5	166	97	125	185	7	16
32 A	154	94	4,5	193	113	148	215	7	21

g	EAN No. 4015609...
1	039814
	039807
796	039838
1	039869
	039852
1039	039883

with double interlocking, switch 3 pole

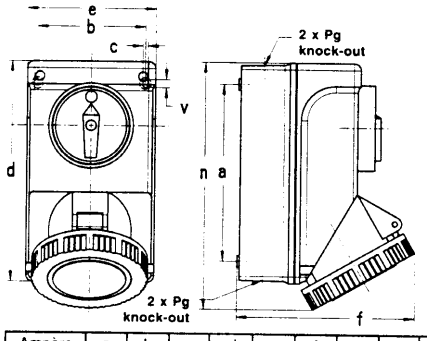




Ampère	a	b	c	d	e	f	n	v	Pg
63 A	245	125	5,2	263	143	172	293	7	29

g	EAN No. 4015609...
1	039913
	039890
2482	039937

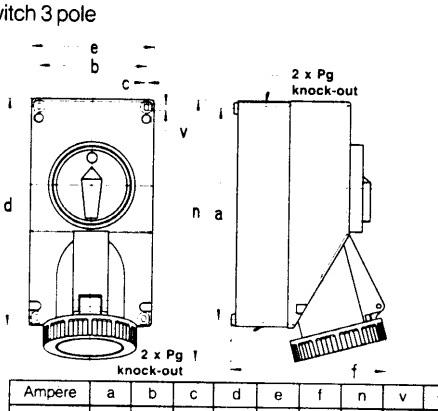
with double interlocking, switch 3 pole



Ampère	a	b	c	d	e	f	n	v	Pg
16 A	127	78	4,5	166	97	132	185	7	16
32 A	154	94	4,5	193	113	154	215	7	21

g	EAN No. 4015609...
1	040124
	166350
845	167982
1	040131
	166367
1066	166374

with double interlocking, switch 3 pole



Ampère	a	b	c	d	e	f	n	v	Pg
63 A	245	125	5,2	265	143	180	300	7	29
125 A	434	234	11	460	260	283	525	/	42

g	EAN No. 4015609...
1	040155
	040148
2533	040179
1	040186
	167999
8250	138845

Other frequencies and voltages up to 690 V on request

Material properties

Chem. resistance	PC/ABS	Polyamide	Rubber	Polyethylene
1. Hydrocarbons				
n-hexane	O	+	-	+
four star petrol, containing aromatic chemicals	-	+	-	+
heating oil	O	+	O	+
petrol, free of aromatic chemicals	O	+	O	O
benzol	-	+	-	+
naphtalene	-	+	-	+
nitro benzol	-	+	-	O
toluol	-	+	-	+
2. Alcohols				
ethyl alcohol, 96%	O	O	+	+
isopropanol	O	O	+	O
phenol	-	-/Δ	-	+
glycol	O	O/Δ	+	+
glycerine	O	+	+	+
3. Ketones				
acetone	-	+	+	+
methylethylcetone	-	+	-	O
4. Acids (max. concentration)				
hydrochloric acid (20%)	+	-	O	+
nitric acid (10%)	+	-	O	O
phosphoric(30%)	+	-	+	+
sulphuric acid (30%)	+	-	+	+
citric acid (10%)	+	+	+	+
lactic acid (10%)	+	+	+	+
acetic acid (10%)	+	O	-	+
oelic acid	-	+	-	+
5. Bases				
anilin	-	O	-	+
sodium hydroxide (10%)	-	+	+	+
ammonia solution, diluted	-	+	+	+
6. Halogenes				
bromine	-	-	-	-
chlorine	-	-	-	+
iodine	-	-	+	+
7. Oils, greases				
soybean oil	-	+	-	+
olive oil	+	-	+	
lard	-	+	-	+
butter	-	+	-	+
8. Salt solutions				
potassium carbonate, sat.	-	+	+	O
sodiumthio sulphate	+	+	+	+
sodium hypochlorid	+	-	-	O
sea water	+	+	+	+/O
9. Cleaning agents				
curd soap solution, 2%	+	+	O	+
detergent, e.g. Persil	O	+	+	+
cleaning agent, e.g. Dor	+	+	O	+/O
10. Other media				
diethyl ether	-	+	-	+
urea	+	O	+	+
trichloric ethylene	-	O	-	+
hydrogen superoxide, 30%	+	O	-	O

\+ = resistance
O = limited resistance
\- = no resistance
Δ = soluble

Protection degrees

IEC/EN 60 529, DIN/VDE 0470 T1 / 11.1992.
The protection is indicated by the IP-Code

IP = International Protection

Component Code Letters	Nos. or letters IP	Protection of **equipment**	Protection of **persons**
		Protection against ingress of solid foreign objects	Protection against touching with
	1	≥ 50 mm diameter	(not protected) hand
First digit	2	≥12,5 mm diameter	finger
	3	≥ 2,5 mm diameter	tool
	4	≥ 1,0 mm diameter	wire
	5	damaging deposits of dust	wire
	6	any penetration of dust	wire
		Protection against the penetration of liquids	
	0	(not protected)	
	1	vertical falling of water	
	2	waterdrops (15° angle)	
Second digit	3	spraying water	
	4	splashing water	
	5	water jets	
	6	heavy seas	
	7	immersion of water	
	8	submersion of water	

Source: DIN/VDE 0470 T 1/11.92

Hint:
According to the standard IEC/EN 60 309 CEEtyp plugs and sockets have the following level of protection:
16 - 63 A: IP 44 and IP 67
125 A : IP 67
Zone 11 : min. IP 54 according to DIN/VDE 0165-2.91

Materials

Enclosures and contact carrying parts

are made of high-quality self-extinguishing plastic material which is free from cadmium, PVC and halogen. Suitable for ambient temperatures of -25°C to +40°C and up to +50°C under load.

As a rule plastic CEEtyp plugs and sockets are made of polyamide. The enclosures for the combinations are made of PC/ABS, solid rubber or polyethylene.

For special applications as extreme heat, cold, or increase chemical resistance, Walther also supplies units with special plastic materials.

Contacts

are made of brass.
For plugs and sockets for voltages lower than 50 V, watertight (IP 67) plugs and sockets, Mondo plugs and sockets as well as plugs and sockets for harsh environments the contacts are nickel-plated. All steel components such as screws and springs are zinc-plated and blue-chromed or nickel-plated.The cross-sectional areas of the terminals are in accordance with IEC/EN 60 309-2/97 table 107. The temperature rise of a contact may be +50°K under the test conditions being determined in table 8.

Size of connectable conductors

Ratings of the accessory			Internal connection [1]						External earthing connection if any		
Voltage V	Current A		Flexible cables for plugs and connectors Solid or stranded cables for appliance inlets[2]			solid or stranded cables for socket outlets [2]					
	Series I	Series II	mm²	AWG	Terminal size	mm²	AWG	Terminal size	mm²	Terminal size	AWG
Not exceeding 50	16	20	4 to 10	12-8	6	4 to 10	12-8	5			
	32	30	4 to 10	12-8	6	4 to 10	12-8	5			
Exceeding 50	16	20	1 to 2,5	17-13	2	1,5 to 4	16-12	3 [3]	6	4	10
	32	30	2,5 to 6	13-10	5	2,5 to 10	13-8	5	10	5	8
	63	60	6 to 16	10-6	7	6 to 25	10-4	7	25	7	4
	125	100	16 to 50	6-1/0	9 [4]	25 to 70	4-2/0	9 [4]	25	7	4

[1] Terminals for pilot conductors, if any, shall allow the connection of conductors having the same nominal cross-sectional areas as the terminals of 16 A accessories having rated operating voltages exceeding 50 V.

[2] Classification of conductors: according to IEC 60228, clause 2 and HD 383 S2 §2 solid (Class 1); stranded (Class 2); flexible (Class 5).

[3] For pillar terminals, size 2

[4] Compliance with terminal size 9 is provisionally not required.

Source: IEC/EN 60 309-2/97 Table 107

Preferred rated current Series I/II			Cross-sectional area(s) of conductors			
			Plugs, appliance inlets + Connectors		Socket outlets	
Duration	A	A	mm²	AWG	mm²	AWG
1 h	16/20	22	2,5 [1]	13	4 [1]	12
1 h	32/30	42	6 [1]	10	10	8
2 h	63/60	rated current	16	6	25	4
2 h	125/100	rated current	50	1/0	70	2/0

[1] For accessories having a rated operating voltage not exceeding 50 V, the values are increased to 10.

Source: IEC/EN 60 309-1 08.97 Table 8

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