

Connection solutions with P17 Temptra, Hypra & Metra

**P17 Temptra
plugs and
sockets**



P. 480
Surface mounting
sockets

**Hypra Prisinter
and Hypra
plugs and sockets**



P. 481
Prisinter
panel mounting
sockets

**P17 Temptra
Combined
units**



P. 480
Interlocked switched
sockets without
protection

**Metra
plugs and
sockets**



P. 494
Sockets

Dimensions



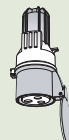
P. 484-486
P17 Temptra plugs
and sockets



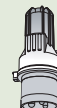
P. 480
Inclined panel
mounting sockets



P. 480
Straight panel
mounting sockets



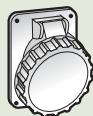
P. 480
Mobile sockets



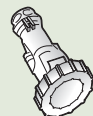
P. 480
Straight plugs



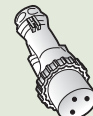
P. 481
Straight plugs
IP 44-7



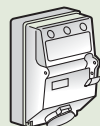
P. 481
Inclined
panel mounting
sockets



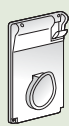
P. 481
Mobile sockets



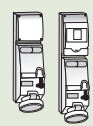
P. 481
Straight plugs
IP 67-7



P. 480
Interlocked switched
sockets with DIN rail



P. 480
Panel mounting with
inter locked
switched sockets



P. 480
Interlocked switch
socket combined
units



P. 494
Plugs



P. 493-494
Hypra Prisinter and
Hypra plugs and
sockets



P. 491
P17 Tempra
Combined units



P. 495
Metra plugs and
sockets



> P17 Tempra plugs and sockets

- 16 Amps to 125 Amps
- Fast fix captive screws
- Screwless cable clamp
- IP 44, IP 66/67
- Surface mounting, panel mounting and mobile sockets, (straight or inclined)
- Straight plugs
- IK 09



> Hypra prisinter and Hypra plugs and sockets

- For extremely harsh environment
- With 2 half clamps for uniform grip on cable, in case of plugs
- IP 44, IP 66/67
- Panel mounting and mobile sockets
- Straight plugs
- IK 09



> P17 Tempra combined units

- 2 sizes only
- Transparent flap with fastener
- View of Lexic modular protection devices
- Easy maintenance
- Guaranteed weatherproofing
- Locking handle for a more accurate reading of ON/OFF positions
- IP 44, IP 55, IP 66
- IK 09



> Metra metallic plugs and sockets

- With aesthetically elegant, white plugs and sockets
- Metal clad plugs and sockets for trouble free termination of air conditioners



P17 Tempra, Hypra & Metra Plugs and Sockets

For safe connection which you can depend on.
Ensures the protection of personnel at electrical
installation

> P17 Tempra combined units

- Fast and reliable wiring
- DIN rail for fitting Lexic modular protection device
- Plug-in system : fast wiring of the socket in the cover on site, independently of the box already mounted on the wall Automatic and reliable connection of the socket when mounting in the box



> Ekinox plug and socket DB's for P17 Tempra

- 16 A and 20 A plug and socket distribution boards suitable for SP / DP MCBs or DP RCCBs
- 32 A and 63 A plug and socket distribution boards suitable for TP / FP MCBs or FP RCCBs or FP Loadstop RCBs

plugs & sockets - P17 Tempra

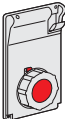
16 to 32 A

LV														
			Surface mounting sockets		Panel mounting sockets - inclined		Panel mounting sockets straight		Mobile sockets		Straight Plugs		Angled Plugs	
			IP 44		IP 44		IP 44		IP 44		IP 44		IP 44	
			Cat nos.	Pack	Cat nos.	Pack	Cat nos.	Pack	Cat nos.	Pack	Cat nos.	Pack	Cat nos.	Pack
200 to 250 V ~ 50/60 Hz	16 A / 20 A	2 P + ⊕	0555 53	10	0576 11	5/50	0573 54	5/50	0575 14	10	0574 34	10	0564 53	5/50
	32 A	2 P + ⊕	0555 73	10	0576 12	5/25	0580 54	5/25	0582 14	10	0581 34	10	0564 73	5/50
380 to 415 V ~ 50/60 Hz	16 A / 20 A	3 P + ⊕	0555 57	10	0576 17	5/25	0573 58	5/50	0575 18	10	0574 38	10	0564 57	5/50
		3 P + N + ⊕	0555 58	10	0576 23	5/50	0573 59	5/50	0575 19	10	0574 39	10	0564 58	5/50
	32 A	3 P + ⊕	0555 77	10	0576 18	5/25	0580 58	5/50	0582 18	10	0581 38	10	0564 77	5/50
		3 P + N + ⊕	0555 78	10	0576 24	5/25	0580 59	5/25	0582 19	10	0581 39	10	0564 78	5/50

◇ - With isometric threaded cable entries : 16 A = M 20, 32 A = M 25, 63 A = M 32.
 * In IEC 38, the network voltage value of 230/400 V AC has been standardised. This value should progressively supercede the values of 220/380 V AC and 240/415 V AC. Wherever there is a reference to 230 V or 400 V, they may be read as 220 V or 240 V and 380 V or 415 V respectively.

plugs & sockets - interlocked switched sockets

16 to 63 A

• IK 08 according to IEC 62262 • Self-extinguishing: 750° C according to standard IEC 60695-2-1												
			Surface mounting				Surface mounting				Surface mounting without protection	
			Without protection 125 X 220 mm				With din rail 125 X 280 mm				Panel mounting 125 x 220 mm	
			IP 44		IP 55		IP 44		IP 66		IP 55	
			Cat nos.	Pack	Cat nos.	Pack	Cat nos.	Pack	Cat nos.	Pack	Cat nos.	Pack
LV												
200 to 250 V ~ 50 Hz	16 A / 20 A	2 P + ⊕	0566 01	1	0566 21	1	0566 41	1	0566 61	1	0572 21	1
	32 A	2 P + ⊕	0566 09	1	0566 29	1	0566 49	1	0566 69	1	0572 29	1
380 to 415 V ~ 50 Hz	32 A	3 P + ⊕	0566 13	1	0566 33	1	0566 53	1	0566 73	1	0572 33	1
		3 P + N + ⊕	0566 14	1	0566 34	1	0566 54	1	0566 74	1	0572 34	1
• IK 08 according to IEC 62262 • Self-extinguishing: 750°C according to standard IEC 60695-2-1												
			Surface mounting with protection									
			125 x 421 mm		125 x 501 mm							
			IP 66		IP 66							
			Cat nos.	Pack	Cat nos.	Pack						
LV												
380 to 415 V ~ 50/60 Hz	63 A	3 P + ⊕	0572 98	1	0589 18	1						
		3 P + N + ⊕	0589 10	1	0572 99	1						

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plugs & sockets - P17 Tempra

16 to 125 A

- Conforming to IEC 60309-1/60309-2 - Material : Plastic - Self-extinguishing : 850°C - IK 09 according to IEC 62262										
			Surface mounting sockets ↗		Panel mounting sockets - inclined		Mobile sockets		Straight Plugs	
			IP 67		IP 67		IP 67		IP 67	
			Cat nos.	Pack	Cat nos.	Pack	Cat nos.	Pack	Cat nos.	Pack
LV										
200 to 250 V ~* 50/60 Hz	16 A	2 P + ⊕	0553 03	5/50	0576 51	5/50	0562 03	5/50	0563 03	5/20
	32 A	2 P + ⊕	0553 23	5/25	0576 52	5/25	0562 23	5/25	0563 23	5/20
380 to 415 V ~* 50/60 Hz	16 A	3 P + ⊕	0553 07	5/25	0576 57	5/25	0562 07	5/25	0563 07	5/20
		3 P + N + ⊕	0553 08	5/25	0576 63	5/25	0562 08	5/25	0563 08	5/20
	32 A	3 P + ⊕	0553 27	5/25	0576 58	5/25	0562 27	5/25	0563 27	5/20
		3 P + N + ⊕	0553 28	5/25	0576 64	5/25	0562 28	5/25	0563 28	5/20
	63 A	3 P + N + ⊕	0587 45	2	0587 25	2	0587 15	2	0587 05	2
	125 A	3 P + N + ⊕	0591 07	1	0591 17	1	0591 37	1	0591 27	1

↗ - With isometric threaded cable entries : 16 A = M 20, 32 A = M 25, 63 A = M 32.

plugs & sockets - Hypra

16 to 125 A

- Conforming to IEC 60309-1/60309-2 - Material : Plastic - IK 09 according to IEC 62262										
			Prisinter panel mounting sockets		Panel mounting sockets		Mobile sockets		Straight plugs	
			IP 44		IP 44		IP 44		IP 44	
			Cat nos.	Pack	Cat nos.	Pack	Cat nos.	Pack	Cat nos.	Pack
LV										
200 to 250 V ~* 50/60 Hz	16 A / 20 A	2 P + ⊕	0520 02	1/10	0520 22	5/50	0520 92	5/50	0520 42	5/50
	32 A	2 P + ⊕	0527 02	1/6	-	-	0527 92	5/50	0527 42	5/50
380 to 415 V ~* 50/60 Hz	16 A / 20 A	3 P + ⊕	0522 03	1/6	0522 23	5/50	0522 93	5/50	0522 43	5/50
		3 P + ⊕	0529 03	1/6	-	-	0529 93	5/50	0529 43	5/50
	32 A	3 P + N + ⊕	0529 04	1/6	-	-	0529 94	5/50	0529 44	5/15
		3 P + ⊕	0536 03	1	0538 23	1	0538 93	1/5	0538 43	1/5
	63 A	3 P + ⊕	0536 03	1	0538 23	1	0538 93	1/5	0538 43	1/5
		3 P + N + ⊕	0536 04	1	0538 24	1	0538 94	1/5	0538 44	1/5

* In IEC 38, the network voltage value of 230/400 V AC has been standardised. This value should progressively supercede the values of 220/380 V AC and 240/415 V AC. Wherever there is a reference to 230 V or 400 V, they may be read as 220 V or 240 V and 380 V or 415 V respectively.

For Angled Plugs IP 66 please contact nearest Legrand office.

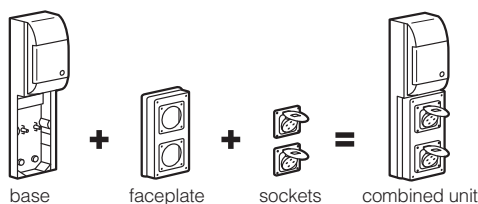
P17 Tempra combined units - LV 16 to 63 A to be composed

- IK 08 according to IEC 62262
- Self-extinguishing: 650 °C
- Max. IP 66



Technical characteristics (p. 491)

Example of combined unit configuration



COMBINED UNITS HEIGHT 220 MM TO 441 MM

BASES FOR 220 x 125 MM FACEPLATES

Surface mounting box	Base up to 2 sockets 16 A	Base up to 3 sockets 16 A	Base up to 6 sockets 16 A
			
220 x 125 mm ⁽⁴⁾	371 x 125 mm ⁽⁴⁾ Rail 5 Lexic modules	441 x 265 mm ⁽⁴⁾ Rail 12 Lexic modules	441 x 405 mm ⁽⁴⁾ Rail 18 Lexic modules
Pack	Cat.No	Pack	Cat.No
2	0577 10	1	0589 38
		1	0577 05
		1	0577 06

220 X 125 MM FACEPLATES

1 for socket 16 or 32 A	2 for sockets 16 A	1 for socket 63 A	Plain plate
			
Pack	Cat.No	Pack	Cat.No
5	0577 12	5	0577 13 ⁽¹⁾
		2	0577 17
		5	0577 15

COMBINED UNITS HEIGHT 280 MM TO 501 MM

BASES FOR 280 x 125 MM FACEPLATES

Surface mounting box	Base up to 3 sockets 16 A	Base up to 6 sockets 16 A	Base up to 9 sockets 16 A
			
280 x 125 mm ⁽⁴⁾	421 x 125 mm ⁽⁴⁾ Rail 5 Lexic modules	501 x 265 mm ⁽⁴⁾ Rail 12 Lexic modules	501 x 405 mm ⁽⁴⁾ Rail 18 Lexic modules
Pack	Cat.No	Pack	Cat.No
3	0577 11	1	0577 20
		1	0577 03
		1	0577 04

280 x 125 MM FACEPLATE

2 sockets 16 or 32 A	1 socket 16 or 32 A and 1 socket 63 A	3 for socket 16 A ⁽³⁾	Plain plate
			
Pack	Cat.No	Pack	Cat.No
4	0577 18 ⁽¹⁾	2	0577 19 ⁽¹⁾
		4	0577 14 ⁽¹⁾
		4	0577 16

(1) Supplied with blanking plate (2) To be fixed horizontally except 16 A domestic pin sockets, vertically (IP 44 - connected)
(3) IP 54 cover closed - IP 44 connected (4) External dimensions: H x W

Bold catalogue numbers are products normally available with Legrand (India) stockists.

Cat. nos. that are not bold - delivery within 4 - 8 weeks from the date of order.

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EXAMPLE OF SOCKETS

ELV (p. 486)			IP 44		
20/25 V~	16 A	2P	0552	45	
LV (p. 484 - 485)			IP 44	IP 66-67	
100/130 V~	16 A	2P+E	0576 10	-	
200/250 V~	16 A	2P+E	0576 11	0576 51	
	32 A	2P+E	0576 12	0576 52	
	63 A	2P+E	-	0587 20	
	16 A	3P+E	0576 17	0576 57	
	-	-	0576 23	0576 63	
	32 A	3P+E	0576 18	0576 58	
380/415 V~	-	-	0576 24	0576 64	
	63 A	3P+E	-	0587 24	
	-	-	-	0587 25	

Possible combinations with bases for 220 x 125 mm faceplates

Cat.No	Nb of sockets	Intensity			Number of faceplates		
		16 A	16 A or 32 A	63 A	0577 12	0577 13	0577 17
With box or base							
0577 10 or 0589 38	1 socket	-	1	-	1	-	-
		-	-	1	-	-	1
0577 05	2 sockets	2	-	-	-	1	-
		-	2	-	2	-	-
0577 06	2 sockets	-	1	1	1	-	1
		-	-	2	-	-	2
		3	-	-	1	1	-
	3 sockets	2	1	-	1	1	-
		2	-	1	-	1	1
	4 sockets	4	-	-	-	2	-
0577 06	3 sockets	-	3	-	3	-	-
		-	-	3	-	-	3
		-	1	2	1	-	2
		-	2	1	2	-	1
	4 sockets	2	1	1	1	1	1
		2	2	-	2	1	-
		2	-	2	-	1	2
	5 sockets	4	1	-	1	2	-
		4	-	1	-	2	1
	6 sockets	6	-	-	-	3	-
		-	-	-	-	-	-

EXAMPLE OF SOCKETS

ELV (p. 486)			IP 44		
20/25 V~	16 A	2P	0552	45	
LV (p. 484 - 485)			IP 44	IP 66-67	
100/130 V~	16 A	2P+E	0576 10	-	
200/250 V~	16 A	2P+E	0576 11	0576 51	
	32 A	2P+E	0576 12	0576 52	
	63 A	2P+E	-	0587 20	
380/415 V~	16 A	3P+E	0576 17	0576 57	
	-	-	0576 23	0576 63	
	32 A	3P+E	0576 18	0576 58	
	-	-	0576 24	0576 64	
	63 A	3P+E	-	0587 24	
	-	-	-	0587 25	

Possible combinations with bases for 280 x 125 mm faceplates

Cat.No	Nb of sockets	Intensity			Number of faceplates		
		16 A	16 A or 32 A	63 A	0577 18	0577 19	0577 14
With box or base							
0577 11 or 0577 20	2 sockets	-	2	-	1	-	-
	3 sockets	-	1	1	-	1	-
0577 03	3 sockets	3	-	-	-	-	1
		-	4	-	2	-	-
	4 sockets	-	2	2	-	2	-
		-	3	1	1	1	-
	5 sockets	3	1	1	-	1	1
		3	2	-	1	-	1
0577 04	6 sockets	6	-	-	-	-	2
	6 sockets	-	6	-	3	-	-
		-	3	3	-	3	-
		-	5	1	2	1	-
	7 sockets	-	4	2	1	2	-
		3	2	2	-	2	1
		3	4	-	2	-	1
	8 sockets	3	3	1	1	1	1
		6	1	1	-	1	2
	9 sockets	6	2	-	1	-	2
		9	-	-	-	-	3

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P 17 Tempra IP 44 - LV 16 and 32 A

sockets, plugs and mobile sockets



Technical characteristics (p. 488-489)

Terminal connection:

- Panel and surface mounting sockets

16 A: max. 1 x 4 mm² rigid

32 A: max. 1 x 10 mm² rigid

- Plugs & mobile sockets:

16 A: max. 1 x 2.5 mm² flexible

32 A: max. 1 x 6 mm² flexible

IP 44 according to IEC 60529 and EN 60529

IK 09 according to IEC 62262 and EN 62262

Material: plastic

Self-extinguishing: 850 °C (support of active parts)/650 °C (plastic housing)

- 25 °C to + 40 °C according to IEC 60309-1

Pack Cat.Nos Surface mounting sockets

Pack	16 A	32 A	
10	0555 53	0555 73	200/250 V~ 380/415 V~
10	0555 57	0555 77	3 P + ⊥
10	0555 58	0555 78	3 P + N + ⊥

Pack Cat.Nos Straight plugs

Pack	16 A	32 A	
10	0574 34	0581 34	200/250 V~ 380/415 V~
10	0574 38	0581 38	3 P + ⊥
10	0574 39	0581 39	3 P + N + ⊥

10 16 A 32 A Panel mounting sockets inclined outlet

	16 A	32 A	
10	0576 11	0576 12	200/250 V~ 380/415 V~
10	0576 17	0576 18	3 P + ⊥
10	0576 23	0576 24	3 P + N + ⊥

10 16 A 32 A Mobile sockets

	16 A	32 A	
10	0575 14	0582 14	200/250 V~ 380/415 V~
10	0575 18	0582 18	3 P + ⊥
10	0575 19	0582 19	3 P + N + ⊥

5 16 A 32 A Panel mounting sockets straight outlet small flange

	16 A	32 A	
5	0573 54	0580 54	Cannot be fixed on pre-drilled faceplates 200/250 V~ 380/415 V~
5	0573 58	0580 58	3 P + ⊥
5	0573 59	0580 59	3 P + N + ⊥

10 16 A 32 A Angled plugs

	16 A	32 A	
10	0564 53	0564 73	200/250 V~ 380/415 V~
10	0564 57	0564 77	3 P + ⊥
10	0564 58	0564 78	3 P + N + ⊥

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P 17 Tempra IP 66/67 - LV 16 and 32 A sockets, plugs and mobile sockets



0553 07



Technical characteristics (p. 490)

Terminal connection:

- Panel and surface mounting sockets

16 A: max. 1 x 4 mm² rigid

32 A: max. 1 x 10 mm² rigid

- Plugs & mobile sockets:

16 A: max. 1 x 2,5 mm² flexible

32 A: max. 1 x 6 mm² flexible

IP 66/67 according to IEC 60529 and EN 60529

IK 09 according to IEC 62262 and EN 62262

Material: plastic

Self-extinguishing: 850 °C (support of active parts)/650 °C (plastic housing)

Temp. rating: - 25 °C to + 40 °C

Conform to IEC 60309-1 and IEC 60309-2

Pack	Cat.Nos		Surface mounting sockets
	16 A	32 A	
5	0553 03	0553 23	2 P + $\perp$ 200/250 V~
			380/415 V~
5	0553 07	0553 27	3 P + $\perp$
5	0553 08	0553 28	3 P + N + $\perp$

Pack	Cat.Nos		Panel mounting sockets
5	0576 51	0576 52	2 P + $\perp$ 200/250 V~
			380/415 V~
5	0576 57	0576 58	3 P + $\perp$
5	0576 63	0576 64	3 P + N + $\perp$

Pack	Cat.Nos		Straight plugs
5	0563 03	0563 23	2 P + $\perp$ 200/250 V~
			380/415 V~
5	0563 07	0563 27	3 P + $\perp$
5	0563 08	0563 28	3 P + N + $\perp$

Pack	Cat.Nos		Mobile sockets
5	0562 03	0562 23	2 P + $\perp$ 200/250 V~
			380/415 V~
5	0562 07	0562 27	3 P + $\perp$
5	0562 08	0562 28	3 P + N + $\perp$

P 17 Tempra IP 66/67 - LV 63 and 125 A sockets, plugs and mobile sockets



0587 05



0587 14



Technical characteristics (p. 489)

Terminal connection:

- Panel and surface mounting sockets

63 A: max. 1 x 25 mm² rigid

125 A: max. 1 x 70 mm² rigid

- Plugs & mobile sockets:

63 A: max. 1 x 16 mm² flexible

125 A: max. 1 x 50 mm² flexible

IP 66/67 according to IEC 60529 and EN 60529

IK 09 according to IEC 62262 and EN 62262

Material: plastic

Self-extinguishing: 850 °C (support of active parts)/650 °C (plastic housing)

Temp. rating: - 25 °C to + 40 °C

Conform to IEC 60309-1 and IEC 60309-2

Pack	Cat.Nos		Surface mounting sockets
	63 A	125 A	
2	0587 40		2 P + $\perp$ 200/250 V~
			380/415 V~
2/1	0587 44	0591 06	3 P + $\perp$
2/1	0587 45	0591 07	3 P + N + $\perp$

Pack	Cat.Nos		Panel mounting sockets
2	0587 20		2 P + $\perp$ 200/250 V~
			380/415 V~
2/1	0587 24	0591 16	3 P + $\perp$
2/1	0587 25	0591 17	3 P + N + $\perp$

Pack	Cat.Nos		Straight plugs
2	0587 00		2 P + $\perp$ 200/250 V~
			380/415 V~
2/1	0587 04	0591 26	3 P + $\perp$
2/1	0587 05	0591 27	3 P + N + $\perp$

Pack	Cat.Nos		Mobile sockets
2	0587 10		2 P + $\perp$ 200/250 V~
			380/415 V~
2/1	0587 14	0591 36	3 P + $\perp$
2/1	0587 15	0591 37	3 P + N + $\perp$

P 17 Tempra IP 44 - LV 16A

schuko sockets



0577 21



0577 22



0573 00



Technical characteristics (p. 490)

Schuko std. sockets

IK 09 according to IEC/EN 62262

IP 44 connected

IP 54 cover closed

Material: plastic

Self-extinguishing: 850 °C (support of active parts) / 650-°C (plastic housing)

Temp. rating: - 50 °C to + 80 °C

Panel mounting sockets

Pack	Cat.Nos	
20	Schuko standard 16 A 0576 72	Can be fixed on faceplate 200/250 V~ 2 P + $\perp$

Panel mounting sockets with small flange

Pack	Cat.Nos	
20	0576 70	Cannot be fixed on pre-drilled faceplate 200/250 V~ 2 P + $\perp$ (colour: blue)
20	0576 69	2 P + $\perp$ (colour: white)

Flush mounting boxes

Pack	Cat.Nos	
3	0577 21	IP 55 For panel mounting inclined outlet installation (IP 44 or IP)
3	0577 22	For 2 panel mounting sockets With single fixing centres 70 x 70 mm - 16 A
3	0577 22	For 1 panel mounting socket With single fixing centres 70 x 70 mm - 16 or 32 A (32 A to be fixed horizontally)

Bases with mechanical super-compact sockets

Pack	Cat.Nos	
1	0573 00	16A 2P+E IP44 interlock
1	0573 02	16A 3P+N+E IP44 interlock
1	0573 20	16A 2P+E IP55 interlock
1	0573 22	16 A 3P+N+E IP55 interlock
2	0577 23	Mounting plate for 2 super-compact mechanical interlock sockets

P17 IP44, 54, 66/67 - LV 16-125A

Combined Unit - Interlock Switch Sockets & refrigerated container use



6571 06

- Conforming to IEC 60695-1/60695-2
- Material - Plastic
- IK 08 as per IEC 62262
- Selfextinguishing : 750 °C
- IEC/EN 62262 (refrigerated container use)

Pack	Cat. nos.		Combined units
	16 A	32 A	
1	0566 01	0566 09	IP44 Interlock Switch Sockets with surface mounting box
1	-	0566 13	250 V, 2P+E
1		0566 14	415 V, 3P+E
			415 V, 3P+N+E
1	0566 21	0566 29	IP55 Interlock Switch Sockets with surface mounting box
1		0566 33	250 V, 2P+E
1		0566 34	415 V, 3P+E
			415 V, 3P+N+E
1	0566 41	0566 49	IP44 Interlock Switch Sockets with surface mounting box and din rail for 5 module Lexic protection
		0566 53	250 V, 2P+E
		0566 54	415 V, 3P+E
			415 V, 3P+N+E
1	0566 61	0566 69	IP66 Interlock Switch Sockets with surface mounting box and din rail for 5 module Lexic protection
1		0566 73	250 V, 2P+E
1		0566 74	415 V, 3P+E
			415 V, 3P+N+E
	63 A		
1	0572 98		Combined units
1	0589 10		IP66 Interlock Switch Sockets with surface mounting box
			415 V, 3P+E
			415 V, 3P+N+E
1	0589 18		IP66 Interlock Switch Sockets with surface mounting box and din rail for 5 module Lexic protection
1	0572 99		415 V, 3P+E
			415 V, 3P+N+E

Combined units for refrigerated containers

IP 66/67 plastic P 17 Tempra

32 A - 440 V~ - 50/60 Hz - 3 P + $\perp$ - 3 hours
IK 09
Plastic body and cover
Stainless steel screws
Combined unit with interlocked switched socket
Double mechanical interlock
Cable glands are not supplied
Straight plug
With cable grip Ø 12 to 21.5 mm
Mobile socket
With cable grip Ø 12 to 21.5 mm

maximum safety conforming to international standards

■ Technical data

- The IEC 60309-1 ensures the protection of personnel at electrical installations.
- The IEC 60309-2 ensures interchangeability of dimensions and harmonisation of pin configurations.

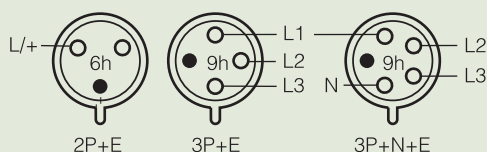
Each polarity has a clockwise index. Thus, these plastic plugs and sockets are suitable for any plugs and sockets that conform to the standard IEC 60309-2.

■ Socket voltage identification (front view of socket)

LV : indicated by the position of the earth pin socket in relation to the groove on the base

240 V ~ 50-60 Hz - Blue

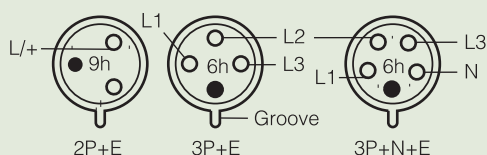
200 to 250V 200 to 250V 120/208 to 144/250V



- Earth contact

415 V ~ 50-60 Hz - Red

380 to 415V 380 to 415V 200/340 to 240/415V



- Earth contact

LV : indicated by the position of the earth pin socket in relation to the groove on the base

Legrand plugs and sockets conform to the universal standard IEC 60309 - 2. Therefore, these plugs and sockets are compatible with any plug and socket conforming to the same standard, whether in Austria or Australia.

The terminal connection capacities for rigid cables are :

LV 16 A	1 to 4 mm ²
LV 32 A	2.5 to 10 mm ²
LV 63 A	6 to 25 mm ²
LV 125 A	25 to 70 mm ²

typical application

■ Technical data

The choice of the right type of industrial plugs and sockets must take into account the following:

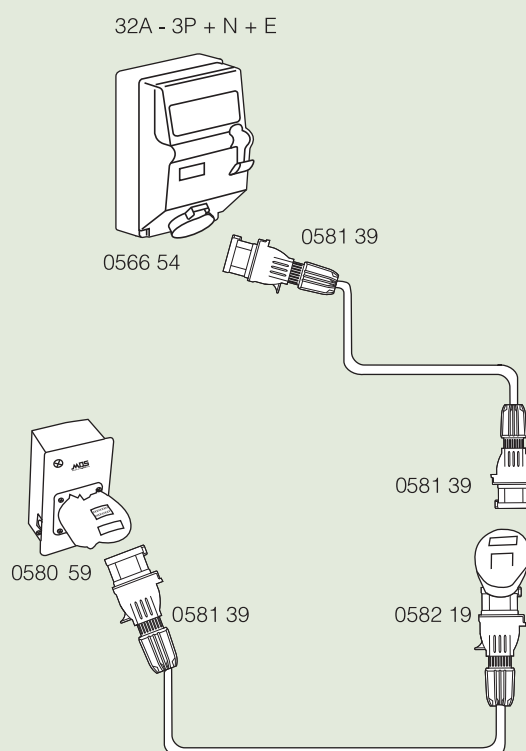
- Whether the equipment is mobile or stationary
- The current rating and voltage
- The required degree of IP protection

Socket outlets: "Panel mounting sockets" are fixed directly on the panel door, while "surface mounting sockets" are fixed on a wall. "Switched sockets" include a built-in switch.

Mobile sockets: are installed at the end of the cable.

Plugs: are installed at the end of the cable and form part of the electrical portable or mobile equipment. When connected with a mobile socket, they make an extension lead, thus activating a distant outlet.

Appliance inlets: installed on machines and other mobile electrical equipment, to receive current necessary for operation through their mobile socket.



typical application

Hypra Prisinter socket



Safe to close
the power is
connected only when
the plug is locked



Safe to open
the plug cannot be
unlocked until the power
has been disconnected

Simple to use

Switched ON by simply rotating the plug

Safety of personnel

Earth continuity maintained even when the plug is not in use

Operating safety

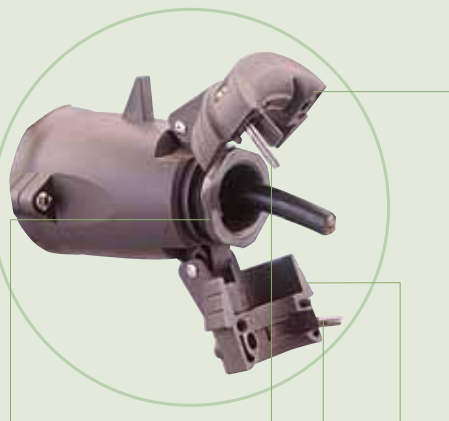
Colour coding and 309-2 pin configuration prevent incorrect plugging

Switch performance

Increased safety
Breaking capacity:

	16A	32A	63A
AC ₁	16A	32A	63A
AC ₂₃	8.4kw	16.8 kw	33 kw
AC ₃	8.4kw	16.8 kw	33 kw

Hypra plug



Weatherproof seal
cable gland held
in position

Stainless steel
external screws

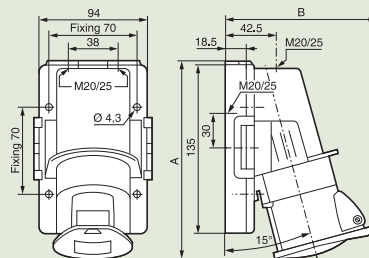
Tensile force safety
2 half-clamps provide
uniform grip for
protection against
accidental
disconnection

P17 Tempra plastic

Dimensions

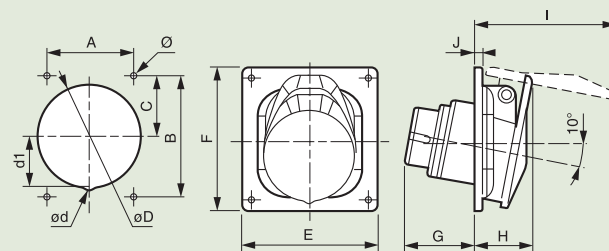
IP 44 - LV 16/32 A

Surface mounting sockets - 230 V~ to 380/415 V~



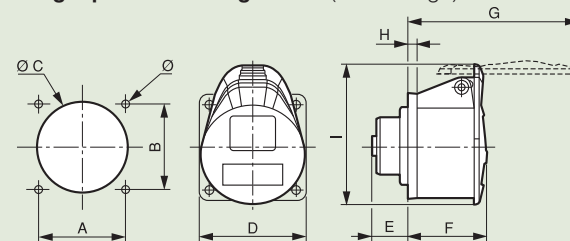
	LV 16A			LV 32A		
	2P+⊥	3P+⊥	3P+N+⊥	2P+⊥	3P+⊥	3P+N+⊥
A	158	158	171	181	181	192
B	121	123	130	135	135	140
Cat no	0555 53	0555 57	0555 58	0555 73	0555 77	0555 78

Panel mounting sockets (Inclined outlet)



	Cat. no	Weight (kg)	A	B	C	ØD	Ød	d1	E	F	G	H	I	J	Ø
LV 16A															
2P+⊥	0576 11	0.110	70	70	35	76.2	-	-	84	84	42	33	83.5	4.5	4.2
3P+⊥	0576 17	0.140	70	70	35	76.2	-	-	84	84	43	34.5	91.3	4.5	4.2
3P+N+⊥	0576 23	0.165	70	70	35	76.2	-	-	84	84	43	36.5	100	4.5	4.2
LV 32A															
2P+⊥	0576 12	0.220	70	70	35	76.2	-	-	84	94	54	44	112	4.5	4.2
3P+⊥	0576 18	0.208	70	70	35	76.2	-	-	84	94	54	44	115	4.5	4.2
3P+N+⊥	0576 24	0.255	70	70	35	76.2	8	36	84	94	54	45	120	4.5	4.2

Straight panel mounting socket (small flange)



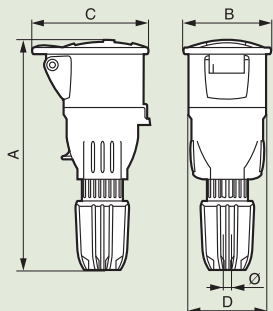
	Cat. no	Weight (kg)	A	B	ØC	D	E	F	G	H	I	Ø
LV 16A												
2P+⊥	0573 54	0.105	47	47	47	58	22.4	50	98.5	5.5	78.5	5.5
3P+⊥	0573 58	0.127	52	52	55	65	22.4	50.5	104	5.5	85.6	5.5
3P+N+⊥	0573 59	0.148	52	52	55	70	22.4	51	113	5.5	93.5	5.5
LV 32A												
2P+⊥	0580 54	0.197	60	60	57.1	75	31.4	61.3	127	5.5	97.5	5.5
3P+⊥	0580 58	0.197	60	60	57.1	75	31.4	61.3	127	5.5	97.5	5.5
3P+N+⊥	0580 59	0.246	60	60	63.5	77	31.4	61.7	134	5.5	104.5	5.5

Note : AC₁ = Non inductive or slightly inductive load e.g., resistance furnace
AC₃ = Inductive load e.g., squirrel cage motor, switching OFF motors while running

All dimensions are in mm
1 inch = 25.4mm
Accuracy of dimensions = ± 2mm

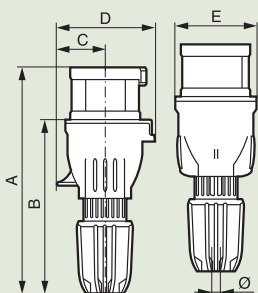
P17 Tempra plastic

Mobile sockets



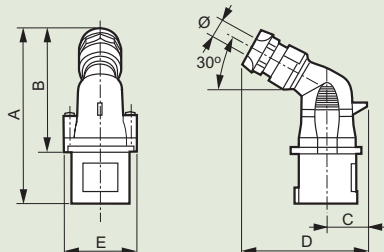
	Cat no	A	B	C	D	Ø
LV 16A						
2P+⊥	0575 14	153 to 169	55	78	56	8 to 14
3P+⊥	0575 18	153 to 169	62	85	56	8 to 14
3P+N+⊥	0575 19	164 to 180	70	94	65	10 to 18
LV 32A						
2P+⊥	0582 14	174 to 190	71	98	65	10 to 18
3P+⊥	0582 18	174 to 190	71	98	65	12 to 20
3P+N+⊥	0582 19	177 to 191	77	101	72	14 to 21

Straight plugs



	Cat no	A	B	C	D	E	Ø
LV 16A							
2P+⊥	0574 34	143 to 159	106 to 122	30	65	56	8 to 14
3P+⊥	0574 38	143 to 159	106 to 122	34	69	56	8 to 14
3P+N+⊥	0574 39	152 to 168	115 to 131	38	78	65	10 to 18
LV 32A							
2P+⊥	0581 34	161 to 177	115 to 131	39	79	65	10 to 18
3P+⊥	0581 38	161 to 177	115 to 131	39	79	65	12 to 20
3P+N+⊥	0581 39	167 to 181	121 to 135	45	88	72	14 to 21

Angled Plugs

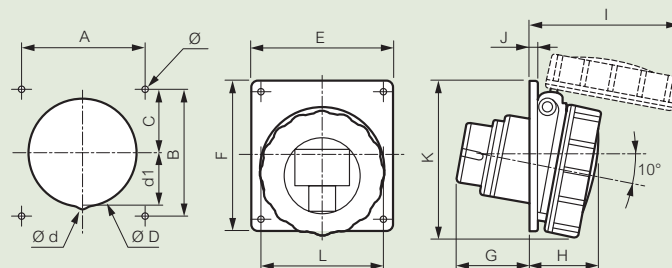


	Cat. no	Weight (kg)	A	B	C	D	E	Ø
BT 16A								
2P+⊥	0564 53	0.120	129	93	29.5	90	55	8 to 14
3P+⊥	0564 57	0.145	133	97	33.5	95	60	8 to 14
3P+N+⊥	0564 58	0.170	142	106	37.5	104	66	10 to 17.5
BT 32A								
2P+⊥	0564 73	0.225	153	108	39.5	107	70.5	10 to 17.5
3P+⊥	0564 77	0.225	153	108	39.5	107	70.5	12 to 21.5
3P+N+⊥	0564 78	0.265	159	114	44.5	113	77	12 to 21.5

■ Dimensions

IP 67 – LV 16 A

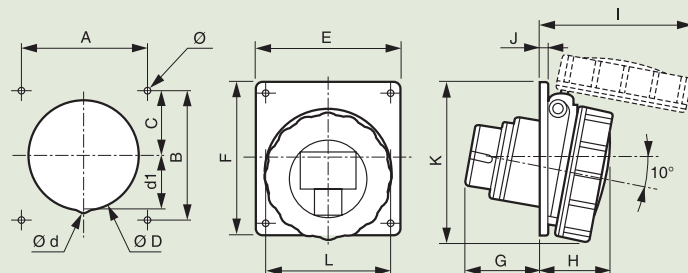
Panel mounting sockets (inclined outlet)



	Cat. no	Weight (kg)	A	B	C	ØD	Ød	d1	E	F	G	H	I	J	K	L	Ø
LV 16A																	
2P+⊥	0576 51	0.140	70	70	35	76.2	-	-	84	84	42	39	83	4.5	90	72.5	4.2

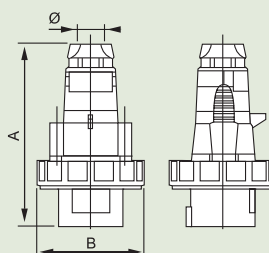
IP 67 – LV 32 A

Panel mounting sockets (inclined outlet)



	Cat. no	Weight (kg)	A	B	C	ØD	Ød	d1	E	F	G	H	I	J	K	L	Ø
LV 32 A																	
2P+⊥	0576 52	0.240	70	70	35	76.2	-	-	84	94	54	50	113	4.5	101	94.5	4.2
3P+⊥	0576 58	0.240	70	70	35	76.2	-	-	84	94	54	50	113	4.5	101	94.5	4.2
3P+N+⊥	0576 64	0.270	70	70	35	76.2	8	36	84	94	54	51	120	4.5	103	101	4.2

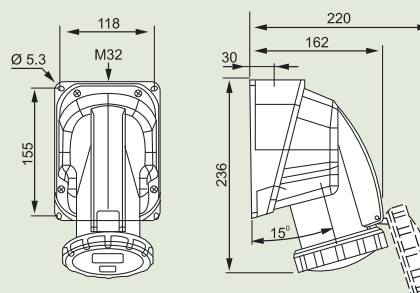
Straight plugs with membrane gland



	Cat. no	Weight (kg)	A	B	Ø
LV 16A					
2P+⊥	0563 03	0.165	122	72.5	8 to 14
LV 32A					
2P+⊥	0563 23	0.255	152	94.5	10 to 17.5
3P+⊥	0563 27	0.276	152	94.5	12 to 21.5
3P+N+⊥	0563 28	0.325	158	101	12 to 21.5

IP 67 – LV 63 A

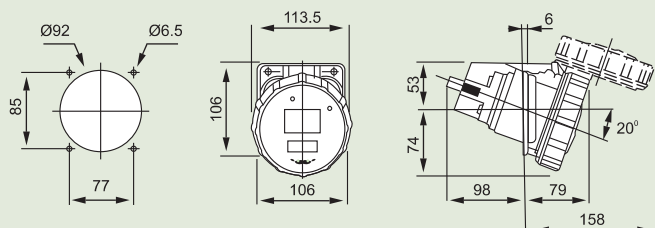
Surface mounting sockets



	Cat. no	Weight (kg)
LV 63A		
3P+N+⊥	0587 45	0.95

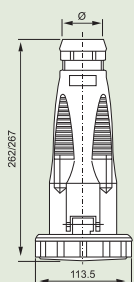
P17 Tempra plastic

Panel mounting sockets (inclined outlet)



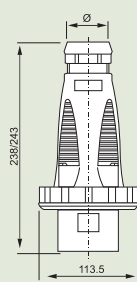
	Cat. no	Weight (kg)
LV 63A		
3P+N+⊥	0587 25	0.77

Mobile sockets with cable gland



	Cat. no	Weight (kg)	Ø
LV 63A			
3P+N+⊥	0587 15	0.85	21.3 to 31.3

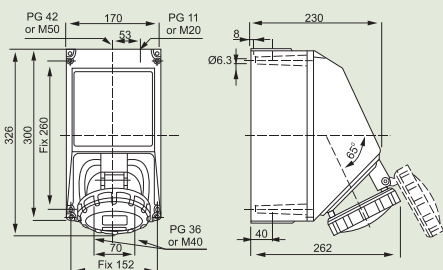
Straight plugs with cable gland



	Cat. no	Weight (kg)	Ø
LV 63A			
3P+⊥	0587 04	0.57	19.3 to 28.5
3P+N+⊥	0587 05	0.64	21.3 to 31.3

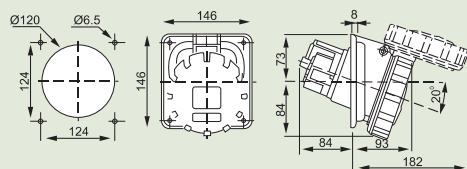
IP 67 – LV 125 A

Surface mounting sockets



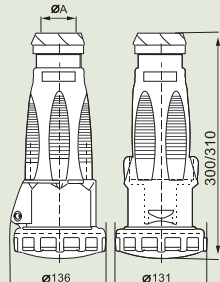
	Cat. no	Weight (kg)
3P+N+⊥	0591 07	2.73

Panel mounting sockets (inclined outlet)



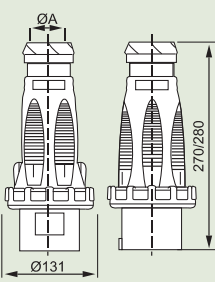
	Cat. no	Weight (kg)
3P+N+⊥	0591 17	1.2

Mobile Sockets



	Cat. no	Weight (kg)	Ø A
3P+N+⊥	0591 37	1.53	28.5 to 50

Straight plugs



	Cat. no	Weight (kg)	Ø A
3P+N+⊥	0591 27	1.22	28.5 to 50

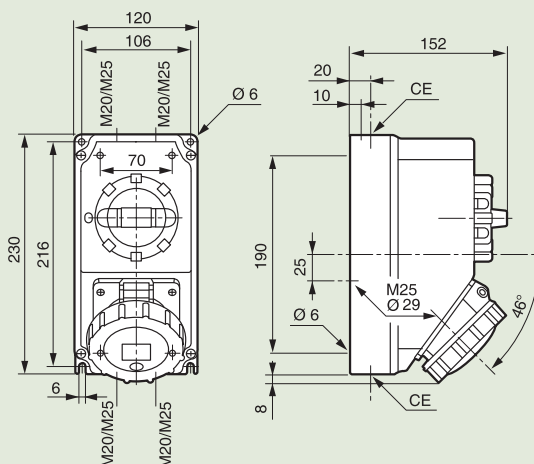
P17 Tempra IP 66/67 - LV 32A

refrigerated container use

■ Dimensions

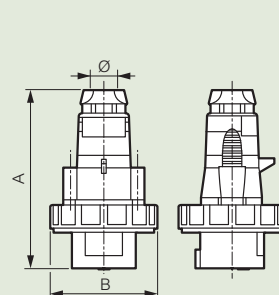
IP 66/67 plastic P 17 Tempra

Cat.No 6571 06



Straight plugs

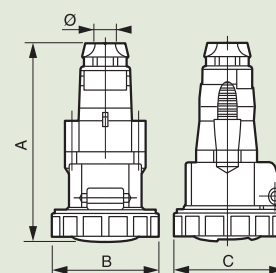
Cat.No 6571 26



	Weight (kg)	A	B	Ø
LV 32 A				
3 P+⊥	0.276	152	94.5	12 to 21.5

Mobile sockets

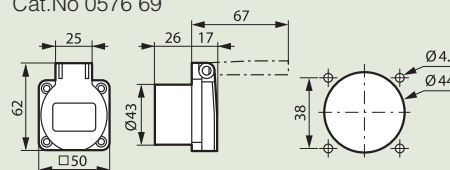
Cat.No 6571 46



	Weight (kg)	A	B	C	Ø
LV 32 A					
3 P+⊥	0.320	171	94.5	103	12 to 21.5

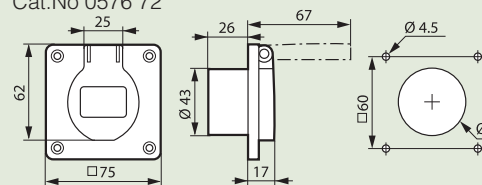
Domestic pin configuration sockets

Cat.No 0576 69



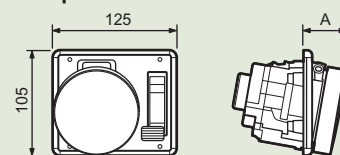
Weight: 0.046 Kg

Cat.No 0576 72



Weight: 0.052 Kg

Compact interlocked socket



16 A	IP	A	IP	A
2 P+T	44	38	55	45
3 P+T	44	38	55	45
3 P+N+T	44	38	55	45

All dimensions are in mm
1 inch = 25.4mm
Accuracy of dimensions = ± 2mm

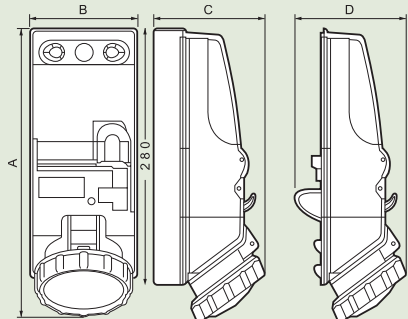
P17 Tempra combined units

P 17 Tempra combined units to be composed

■ Dimensions

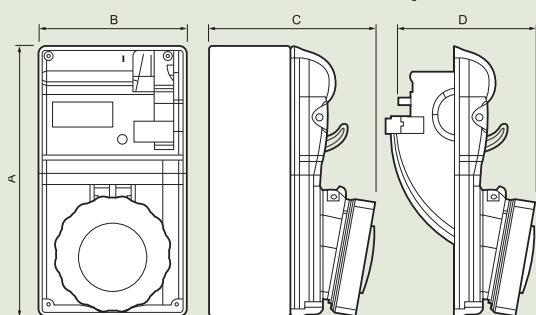
IP 44 according to IEC 60529 and EN 60529
IP 66 according to IEC 60529 and EN 60529
IP 55 according to IEC 60529 and EN 60529
IK 08 according to EN 50102

Interlocked switch sockets with DIN rail



	IP 44 Cat. no	A	B	C	D	IP 66 Cat. no	A	B	C	D
LV 16A										
2P+±	0566 40/41	290	125	155	135	0566 60/61	300	125	155	135
LV 32A										
2P+±	0566 49	295	125	155	145	0566 69	310	125	155	145
3P+±	0572 53	295	125	155	145	0572 73	310	125	155	145
3P+N+±	0572 54	295	125	155	145	0572 74	310	125	155	144

Interlocked switch sockets without protection

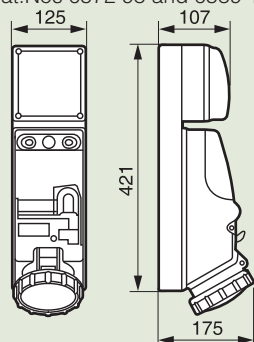


	IP 44 Cat. no	A	B	C	D	IP 55 Cat. no	A	B	C	D
LV 16A										
2P+±	0566 00/01 0572 00/01	220	125	127	122	0566 20/21 0572 20/21	220	125	133	128
3P+N+±	0572 06	220	125	130	125	0572 26	220	125	135	130
LV 32A										
2P+±	0566 09 0572 09	220	125	138	133	0566 29 0572 29	220	125	143	138
3P+±	0566 13 0572 13	220	125	138	133	0566 33 0572 33	220	125	143	138
3P+N+±	0566 14 0572 14	220	125	139	134	0566 34 0572 34	220	125	144	139

IP 66 - LV 63A

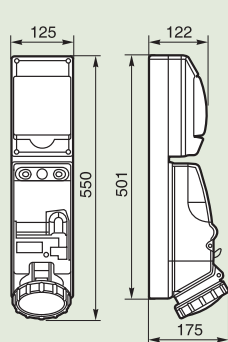
Without protection

Cat.Nos 0572 98 and 0589 10



With empty Din rail -

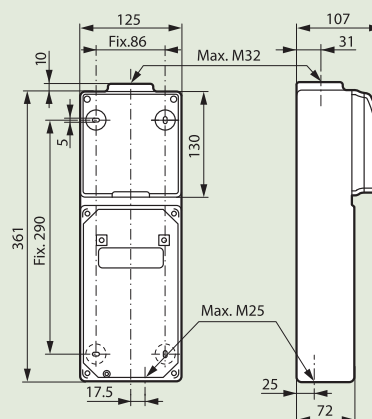
Cat.Nos 0589 18 and 0572 99



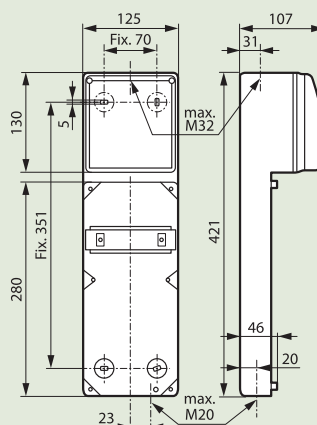
■ Dimensions

Bases

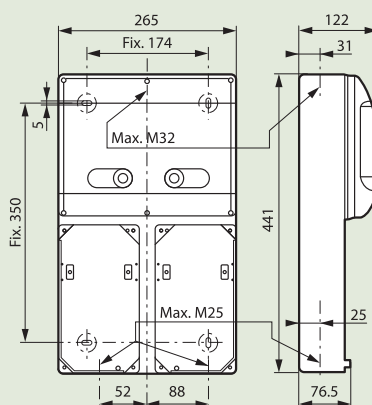
Cat.No 0589 38



Cat.No 0577 20

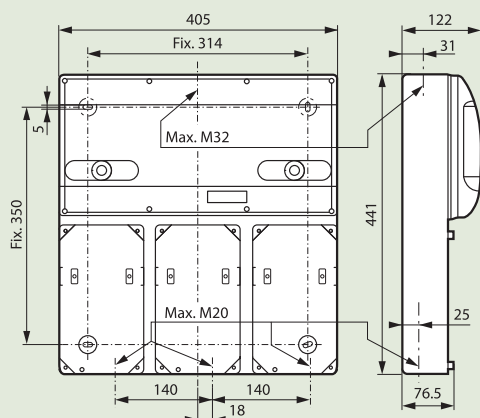


Cat.No 0577 05

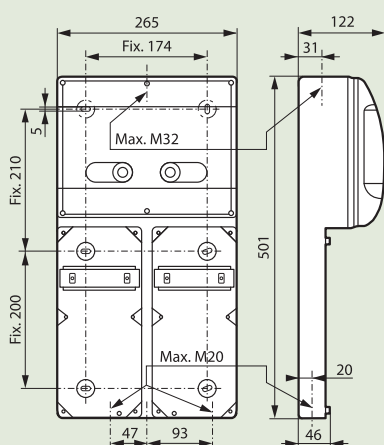


P 17 Tempra combined units to be composed

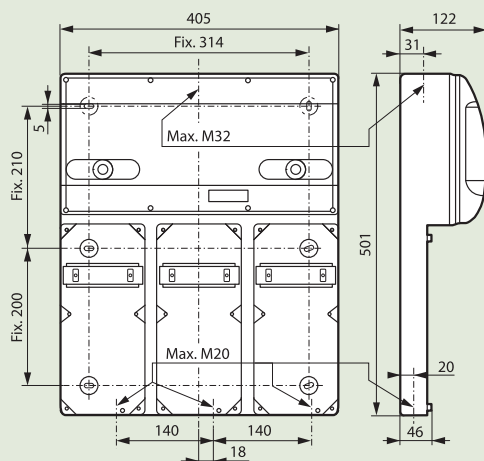
Cat.No 0577 06



Cat.No 0577 03

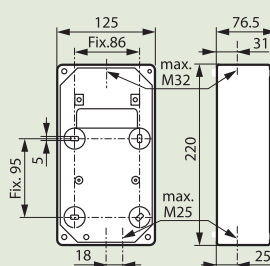


Cat.No 0577 04

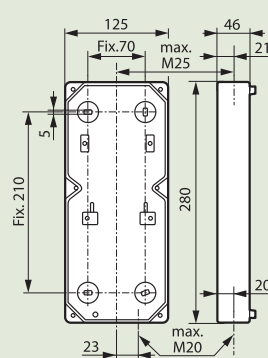


Surface mounting boxes

Cat.No 0577 10

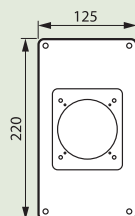


Cat.No 0577 11

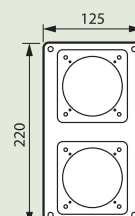


Faceplates

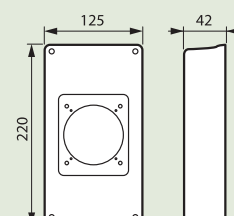
Cat.No 0577 12



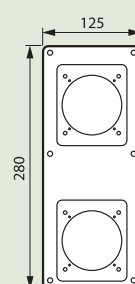
Cat.No 0577 13



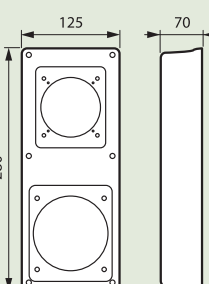
Cat.No 0577 17



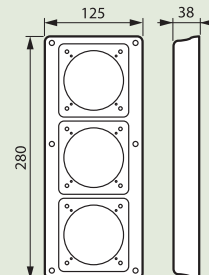
Cat.No 0577 18



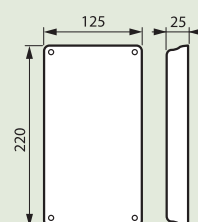
Cat.No 0577 19



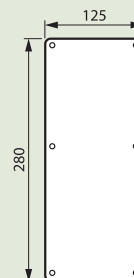
Cat.No 0577 14



Cat.No 0577 15

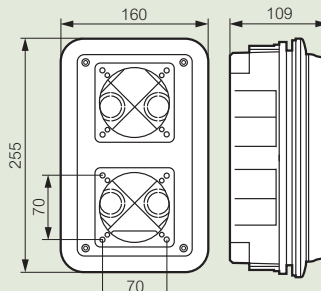


Cat.No 0577 16

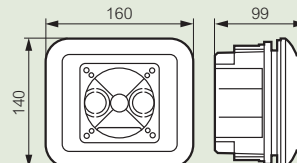


Flush mounting boxes

Cat.No 0577 21



Cat.No 0577 22



All dimensions are in mm
1 inch = 25.4mm
Accuracy of dimensions = ± 2mm

Hypra™ Prisinter™

■ Dimensions

Prisinter - panel mounting sockets - LV 16-32-63 A

According to IEC/EN 605 29

- 16-32 A • IP 44 connected with an IP 44 plug
- IP 55 connected with an IP 66/67-55 Hypra plug
- IP 55 cover closed
- 63 A • IP 44 connected with any plug
- IP 55 cover closed

Dust resistance IP may be increased by rubber push-button (on request)

Icc 10 kA according to CEI 60309-1

IK according to IEC 62262: Plastic = IK 09

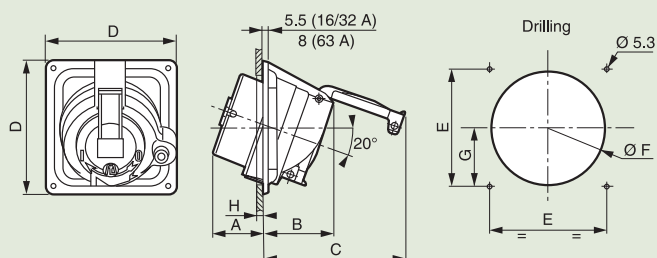
Padlockable

Screws in stainless steel - Nickel-plated contacts

In case of extension, use a mobile Prisinter available on request

Max terminal connection:

- 16 A: 1 x 4 mm² or 2 x 2.5 mm² rigid
- 32 A: 1 x 10 mm² or 2 x 6 mm² rigid
- 63 A: 1 x 25 mm² rigid



	Cat. no	Material	Weight (kg)	A	B	C	D	E	F min	F max	G	H max
16A												
2P+±	0520 02	Plastic	0.42	46	70	132	115	100	92	98	46	6 to 10
32A												
2P+±	0527 02	Plastic	0.57	54	77	153	143	125	115	122	58.5	10 to 20
3P+±	0529 03	Plastic	0.61	54	77	153	143	125	115	122	58.5	10 to 20
3P+N+±	0529 04	Plastic	0.65	55	79	169	143	125	119	122	58.5	9 to 13
63A												
3P+N+±	0536 04	Plastic	0.98	55	99	205	143	125	120	122	59.5	10 to 20

Hypra™

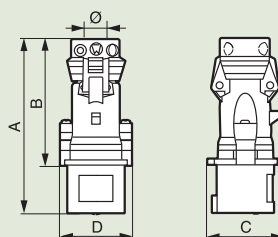
External screws in stainless steel - Nickel-plated contacts

Max terminal connection:

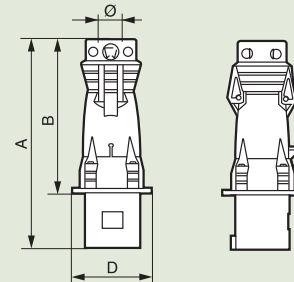
- ELV 16/32 A: 1 x 10 mm² flexible
- LV 16 A: 1 x 2.5 mm² flexible
- LV 32 A: 1 x 6 mm² flexible
- LV 63 A: 1 x 16 mm² flexible
- LV 125 A: 1 x 50 mm² flexible

■ Straight plugs IP 44

ELV and LV 16/32 A



LV 63 A



	Cat. no.	Material	Weight (kg)	A	B	Dimensions C	D	Ø clamping and grip
LV - 16 A								
2 P + ±	0520 42	Plastic	0.150	135	100	57	55	8 to 15
3 P + ±	0522 43	Plastic	0.175	139	103	65	60	8 to 15
3 P + N + ±	0522 44	Plastic	0.210	154	118	73	66	10 to 18
LV - 32 A								
2 P + ±	0527 42	Plastic	0.260	164	119	78	70.5	10 to 18
3 P + ±	0529 43	Plastic	0.260	164	119	78	70.5	12 to 22
3 P + N + ±	0529 44	Plastic	0.300	170	125	86	77	12 to 22
LV - 63 A								
2 P + ±	0536 42	Plastic	0.580	255	188.5	-	102	16 to 26
3 P + ±	0538 43	Plastic	0.640	255	188.5	-	102	18.5 to 29
3 P + N + ±	0538 44	Plastic	0.700	255	188.5	-	102	20.5 to 32

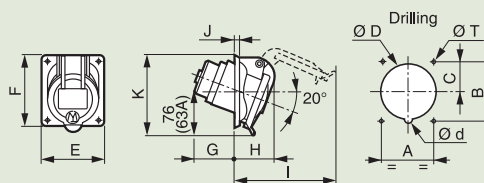
IP 44 - ELV 16 and 32 A - LV 16 to 63 A

IK 09 (plastic), IK 10 (metal)

External screws in stainless steel - Nickel-plated contacts

Max terminal connection:

- ELV: 1 x 10 mm² rigid
- LV 16 A: 1 x 4 mm² rigid
- LV 32 A: 1 x 10 mm² rigid
- LV 63 A: 1 x 25 mm² rigid



	Cat. no.	Material	Weight (kg)	A	B	Drilling C	ØD	Ød	ØT	E	F	Dimensions G	H	I	J	K
LV - 16 A																
2 P + ±	0520 22	Plastic	0.110	52	60	28	55	14.5	4.2	64	72	41	40	94	5.5	78.5
3 P + ±	0522 23	Plastic	0.140	60	70	31	63.5	14.5	5.2	74	84	44	40	98	5.5	88
3 P + N + ±	0522 24	Plastic	0.165	60	70	33	70.6	-	5.2	80	84	44	44	110	5.5	93
LV - 32 A																
2 P + ±	0536 22	Plastic	0.600	77	85	-	92	-	6.5	106	106	98	70	160	6	129
3 P + ±	0538 23	Plastic	0.640	77	85	-	92	-	6.5	106	106	98	70	160	6	129
3 P + N + ±	0538 24	Plastic	0.700	77	85	-	92	-	6.5	106	106	98	70	160	6	129

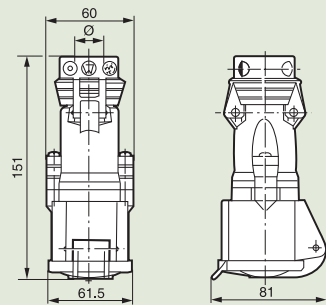


The plug cannot be unlocked until the power has been disconnected

refer p.481

IP 44 – LV 16 A

Mobile sockets



	Cat. no	Weight (kg)	Ø Clamping & grip
3P+⊥	0522 83	0.2	8 to 15

Notes :

- External screw in stainless steel
- Nickel plated contact

Metra plug & socket
selection chart

- **Metal clad plugs and sockets with scrapping earth conforming to IS 8804**
- **Body made of cast aluminium alloy duly powder coated**
- **Plug sleeves and protection caps made of high grade plastic**
- **Colour coding : Blue for 250V~ and Red for 440V~**



250 V ~	10 A	2 P + ⊥	Colour
			Blue
250 V ~	20 A	2 P + ⊥	Ivory
			Blue
440 V ~	20 A	3 P + ⊥	Ivory
			Red
440 V ~	32 A	3 P + ⊥	Red
			Red



250 V ~	10 A	2 P + ⊥	Pluge
			6500 02 Pack - 1/10/100
250 V ~	20 A	2 P + ⊥	6500 22 Pack - 1/10/100
			6500 08 Pack - 1/10/100
440 V ~	20 A	3 P + ⊥	6500 28 Pack - 1/10/100
			6500 10 Pack - 1/10/100
440 V ~	32 A	3 P + ⊥	6500 16 Pack - 1/10/100
			6500 09 Pack - 1/10/100



250 V ~	10 A	2 P + ⊥	Sockets
			6500 03 Pack - 1/10/100
250 V ~	20 A	2 P + ⊥	6500 23 Pack - 1/10/100
			6500 09 Pack - 1/10/100
440 V ~	20 A	3 P + ⊥	6500 29 Pack - 1/10/100
			6500 11 Pack - 1/10/100
440 V ~	32 A	3 P + ⊥	6500 17 Pack - 1/10/100
			6500 09 Pack - 1/10/100

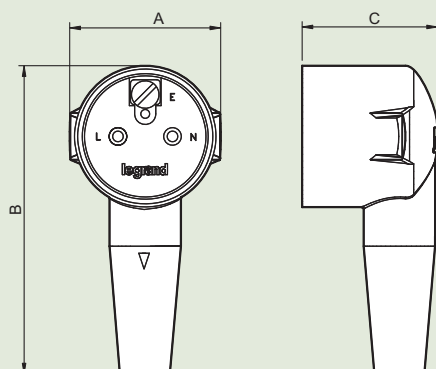
All dimensions are in mm
1 inch = 25.4mm
Accuracy of dimensions = ± 2mm

metra plugs and sockets

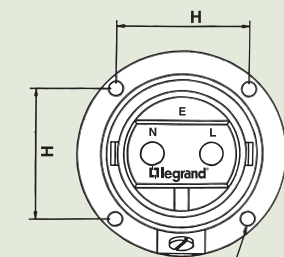
■ Dimensions

10A/20A 2P+E

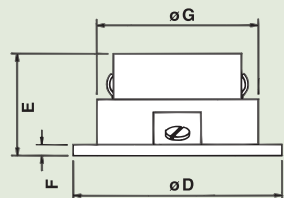
Plug



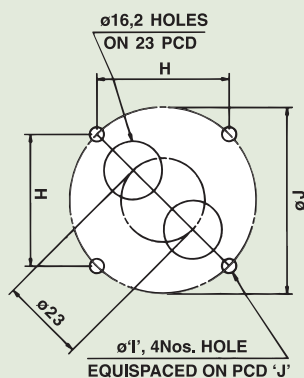
Socket



ø'I', 4 Nos. HOLES
EQUISPACED ON PCD 'J'



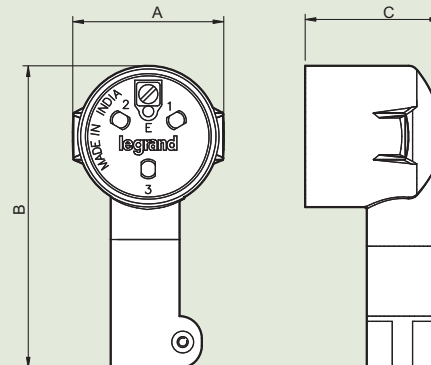
Drilling plan



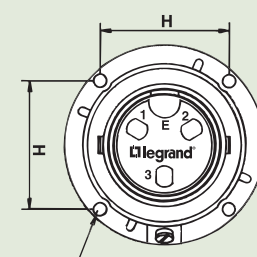
Plug	A	B	C	D	E	F	G	H	I	J	K
10 A - 2P+ $\pm$	42.3	81.55	38	57	28	1.8	44	36.06	4	51	24.75
20 A - 2P+ $\pm$	48.2	87.4	46	68.5	38.5	1.8	50	42.43	5	60	23

20A/32A 3P+E

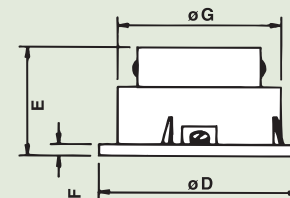
Plug



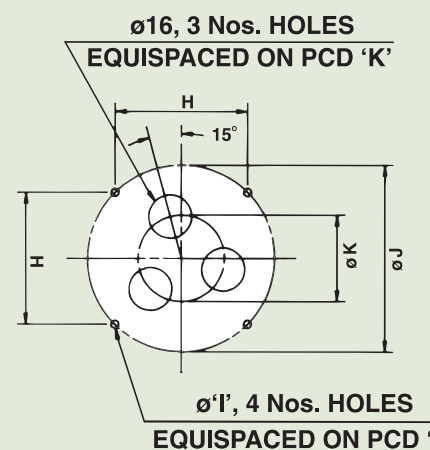
Socket



ø'I', 4 Nos. HOLES
EQUISPACED ON PCD 'J'



Drilling plan

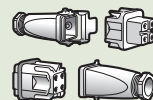


Plug	A	B	C	D	E	F	G	H	I	J	K
10 A - 2P+ $\pm$	54.8	99.5	47	76.14	41.5	2.5	60	48.79	5	69	32
20 A - 2P+ $\pm$	68.4	130.4	47	83.8	55.5	2.5	67.2	54.35	5	76.86	37



Hypra multi-pin connectors

**Hypra multi-pin
connectors
Plug & Sockets**



P. 498
multi-pin connectors
kit 10A, 16A, 32A
Plug & Sockets

Dimensions

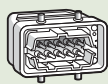


P. 504-507
multi-pin connectors

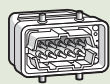
Technical data



P. 508-509
multi-pin connectors



P. 499
multi-pin connectors
function offer
10A Plug & Sockets



P. 499
multi-pin connectors
function offer
16 to 32A Plug & Sockets

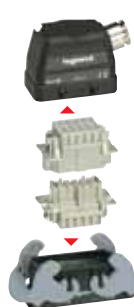
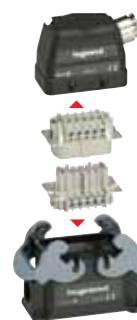
Hypra[®] multi-pin connectors

10, 16, 32 A

KIT OFFER - 10 A, 250 V & 400 V, PLASTIC AND METAL

								
			Top entry plug + flush mounting socket with lock		Top entry plug + flush mounting socket (side entry) with lock		Top entry plug + vertical hood socket with lock	
			Plastic	Metal	Plastic	Metal	Plastic	Metal
250 V	10 A	3P+ $\perp$	0526 18	0531 18	0531 20	0531 22	0526 16	0531 16
400 V	10 A	4P+ $\perp$	0526 19	0531 19	0531 21	0531 23	0526 17	0531 17

KIT OFFER-16A, 500V & 32A, 400V-METAL

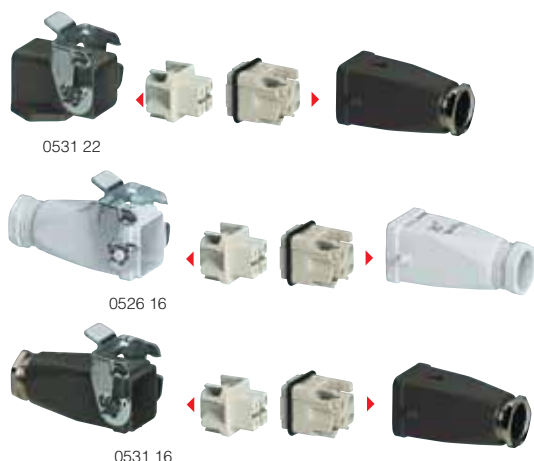
							
			Top entry plug + flush mounting socket with lock	Side entry plug + flush mounting socket with lock	Side entry plug with lock + flush mounting socket with flap	Side entry plug + flush mounting socket, with lock screwless, clamp connection	Side entry plug + surface mounting socket with lock
400 V	32 A	6P+ $\perp$	0526 15	0526 05	-	-	-
500 V	16 A	6P+ $\perp$	0526 10	0526 00	-	0526 20	0526 06
		10P+ $\perp$	0526 11	0526 01	0531 01	0526 21	0526 07
		16P+ $\perp$	0526 12	0526 02	0531 02	0526 22	0526 08
		24P+ $\perp$	0526 13	0526 03	0531 03	0526 23	0526 09
		32P+ $\perp$	0526 14	0526 04	-	0526 24	-

(1) Double verrouillage de 10P+T a 32P+T

Hypra[®] multi-pin connectors

kit offer-plastic & metal

10A, 16A to 32 A



For power and control circuits. Temperature rating : -40°C to 100°C
Confirms to IEC 61984 Agreements : UL, CSA IK08, IP55.

Pack	Cat. No	Top entry plug + flush mounting socket with lock, plastic
10	0526 18	250 V~ - 10 A 3P+⊥
10	0526 19	400 V~ - 10 A 4P+⊥
Pack	Cat. No	Top entry plug + flush mounting socket with lock, metal
8	0531 18	250 V~ - 10 A 3P+⊥
8	0531 19	400 V~ - 10 A 4P+⊥
Pack	Cat. No	Top entry plug + flush mounting socket with lock (side entry), plastic
8	0531 20	250 V~ - 10 A 3P+⊥
8	0531 21	400 V~ - 10 A 4P+⊥
Pack	Cat. No	Top entry plug + flush mounting socket with lock (side entry), metal
8	0531 22	250 V~ - 10 A 3P+⊥
8	0531 23	400 V~ - 10 A 4P+⊥
Pack	Cat. No	Top entry plug + vertical hood socket with lock, plastic
10	0526 16	250 V~ - 10 A 3P+⊥
10	0526 17	400 V~ - 10 A 4P+⊥
Pack	Cat. No	Top entry plug + vertical hood socket with lock, metal
8	0531 16	250 V~ - 10 A 3P+⊥
8	0531 17	400 V~ - 10 A 4P+⊥
Pack	Cat. No	Accessoires
10	0526 69	Protection 3P+⊥ / 4P+⊥ (insert socket)



For power and control circuits. Temperature rating : -40°C to 100°C
Confirms to IEC 61984 Agreements : UL, CSA IK08, IP65, Unloosable sealed gasket.
Double locking system

Pack	Cat. No	Top entry plug + flush mounting socket with lock, metal
2	0526 15	400 V~ - 32 A 6P+⊥
3	0526 10	500 V~ - 16 A 6P+⊥
3	0526 11	10P+⊥
3	0526 12	16P+⊥
3	0526 13	24P+⊥
2	0526 14	32P+⊥
Pack	Cat. No	Side entry plug + flush mounting socket with lock, metal
2	0526 05	400 V~ - 32 A 6P+⊥
3	0526 00	500 V~ - 16 A 6P+⊥
3	0526 01	10P+⊥
3	0526 02	16P+⊥
3	0526 03	24P+⊥
2	0526 04	32P+⊥
Pack	Cat. No	Side entry plug with lock + flush mounting socket with flap, metal
3	0531 01	500 V~ - 16 A 10P+⊥
3	0531 02	16P+⊥
3	0531 03	24P+⊥
Pack	Cat. No	Side entry plug and flush mounting socket with lock, screwless clamp connection, metal
3	0526 20	500 V~ - 16 A 6P+⊥
3	0526 21	10P+⊥
3	0526 22	16P+⊥
3	0526 23	24P+⊥
2	0526 24	32P+⊥
Pack	Cat. No	Side entry plug + surface mounting socket with lock, metal
3	0526 06	500 V~ - 16 A 6P+⊥
3	0526 07	10P+⊥
3	0526 08	16P+⊥
3	0526 09	24P+⊥

Hypra[®] multi-pin connectors plastic and metal

10, 16 to 32 A

FUNTION OFFER - 10 A, 250 V TO 400 V, PLASTIC & METAL

			Flush mounting, socket with lock		Flush mounting, socket with lock (side entry)		Top entry plug		
									
			Plastic	Metal	Plastic	Metal	Plastic	Metal	
250 V	10 A	3P+ $\perp$	0526 50	0531 50	0531 06	0531 08	0526 40	0531 40	
400 V	10 A	4P+ $\perp$	0526 51	0531 51	0531 07	0531 09	0526 41	0531 41	

FUNTION OFFER-16 A, 500 V & 32 A - 400 V, METAL

			Flush mounting socket with lock	Flush mounting socket with lock Automatic screwless connections (spring) earth at left	Flush mounting socket with lock Automatic screwless connections (spring) earth at right	Flush mounting socket with flap	
							
400 V	32 A	6P+ $\perp$	0526 57	-	-	-	
500 V	16 A	6P+ $\perp$	0526 52	0531 80	0531 84	-	
		10P+ $\perp$	0526 53	0531 81	0531 85	0531 53	
		16P+ $\perp$	0526 54	0531 82	0531 86	0531 54	
		24P+ $\perp$	0526 55	0531 83	0531 87	0531 55	
		32P+ $\perp$	0526 56	-	-	-	
		48P+ $\perp$	0526 58	-	-	0531 58	

Side entry plug		Vertical hood, socket with lock		Accessories
				
Plastic	Metal	Plastic	Metal	Insert socket
0531 10	0531 12	0526 26	0531 26	0526 69
0531 11	0531 13	0526 27	0531 27	0526 69

Surface mounting socket with lock	Surface mounting socket with lock & two cable entry	Surface mounting socket with flap & two cable entry	Top entry plug	Top entry socket with lock	Side entry plug	Side entry plug with lock	Protection cover
							
-	-	-	0526 47	-	0526 35	-	0526 76
0526 60	-	-	0526 42	-	0526 30	-	0526 70
0526 61	0531 71	0531 61	0526 43	0531 43	0526 31	0531 31	0526 71
0526 62	0531 72	0531 62	0526 44	0531 44	0526 32	0531 32	0526 76
0526 63	0531 73	0531 63	0526 45	0531 45	0526 33	0531 33	0526 73
-	-	-	0526 46	-	0526 34	-	0526 74
0526 65	-	0531 65	0526 48	-	0526 36	-	-

Hypra[®] multi-pin connectors

10A function offer - plastic and metal



0526 50 + 0526 69



0531 50



0531 08



0526 40



0531 40



0531 12



Dimension (p. 504-507)

For power and control circuits. Temperature rating : 40°C to 100°C
Confirms to IEC 61984 Agreements : UL, CSA IK08, IP55.

Pack	Cat. No	Flush mounting socket with lock, plastic
10	0526 50	250 V~ - 10 A 3P+⊥
10	0526 51	400 V~ - 10 A 4P+⊥
10	0531 50	Flush mounting, socket with lock, metal 250 V~ - 10 A 3P+⊥
10	0531 51	400 V~ - 10 A 4P+⊥
10	0531 06	Flush mounting socket with lock (side entry) plastic 250 V~ - 10 A 3P+⊥
10	0531 07	400 V~ - 10 A 4P+⊥
10	0531 08	Flush mounting socket with lock (side entry) metal 250 V~ - 10 A 3P+⊥
10	0531 09	400 V~ - 10 A 4P+⊥
10	0526 40	Top entry plug, plastic 250 V~ - 10 A 3P+⊥
10	0526 41	400 V~ - 10 A 4P+⊥

Pack	Cat. No	Top entry plug, metal
10	0531 40	250 V~ - 10 A 3P+⊥
10	0531 41	400 V~ - 10 A 4P+⊥
10	0531 10	Side entry plug, plastic 250 V~ - 10 A 3P+⊥
10	0531 11	400 V~ - 10 A 4P+⊥
10	0531 12	Side entry plug, metal 250 V~ - 10 A 3P+⊥
10	0531 13	400 V~ - 10 A 4P+⊥
10	0526 26	Vertical hood socket with lock plastic 250 V~ - 10 A 3P+⊥
10	0526 27	400 V~ - 10 A 4P+⊥
10	0531 26	Vertical hood socket with lock metal 250 V~ - 10 A 3P+⊥
10	0531 27	400 V~ - 10 A 4P+⊥
10	0526 69	Accessories Protection cover 3P+⊥ / 4P+⊥ (insert socket)

Bold catalogue numbers are products normally available with Legrand (India) stockists.
Cat. nos. that are not bold - delivery within 4 - 8 weeks from the date of order.

Bold packing quantity is our mandatory packing. Orders to be placed by Legrand (India) stockists in multiples of the same.

Hypra[®] multi-pin connectors

16 to 32A function offer - metal



Dimension (p. 504-507)

For power and control circuits. Temperature rating : 40°C to 100°C
 Confirms to IEC 61984 Agreements : UL, CSA IK08,
 IP55, IP65 (with cover) Unloosable sealed gasket.
 Double locking system

Pack	Cat. No		Flush mounting socket
	With lock	With flap	
4	0526 57		400 V~ - 32 A 6P+⊥
5	0526 52		500 V~ - 16 A 6P+⊥
5	0526 53	0531 53	10P+⊥
5	0526 54	0531 54	16P+⊥
5	0526 55	0531 55	24P+⊥
4	0526 56		32P+⊥
2	0526 58	0531 58	48P+⊥

		Flush mounting socket with lock. Automatic screwless connections, (spring), earth at left
		500 V~ - 16 A
3	0531 80	6P+⊥
3	0531 81	10P+⊥
2	0531 82	16P+⊥
2	0531 83	24P+⊥

		Flush mounting socket with lock. Automatic screwless connections (spring) earth at right
		500 V~ - 16 A
3	0531 84	6P+⊥
3	0531 85	10P+⊥
2	0531 86	16P+⊥
2	0531 87	24P+⊥

		Surface mounting socket	
	With lock	With flap	500 V~ - 16 A
5	0526 60		6P+⊥
5	0526 61	0531 61	10P+⊥
5	0526 62	0531 62	16P+⊥
5	0526 63	0531 63	24P+⊥
2	0526 65	0531 65	48P+⊥

		Surface mounting socket with lock with two cable entry
		500 V~ - 16 A
4	0531 71	10P+⊥
4	0531 72	16P+⊥
4	0531 73	24P+⊥

Pack	Cat. No		Top entry plug
			400 V~ - 32 A 6P+⊥
4	0526 47		500 V~ - 16 A 6P+⊥
5	0526 42		10P+⊥
5	0526 43		16P+⊥
5	0526 44		24P+⊥
5	0526 45		32P+⊥
4	0526 46		48P+⊥
2	0526 48		

		Top entry socket with lock
		500 V~ - 16 A
5	0531 43	10P+⊥
5	0531 44	16P+⊥
5	0531 45	24P+⊥

			Side entry plug
	without lock	with lock	
4	0526 35		400 V~ - 32 A 6P+⏏
			500 V~ - 16 A 6P+⏏
5	0526 30		6P+⏏
5	0526 31	0531 31	10P+⏏
5	0526 32	0531 32	16P+⏏
5	0526 33	0531 33	24P+⏏
4	0526 34		32P+⏏
2	0526 36		48P+⏏

		Accessories
		Protection cover plastic
5	0526 70	6P+⊥
5	0526 71	10P+⊥
5	0526 76	16P+⊥ / 6P+⊥ (32 A)
5	0526 73	24P+⊥
2	0526 74	32P+⊥
		Foolproofing pins
		Supplied in bags of 16
10	0526 80	Enables the differentiation of juxtaposed bases thanks to several possible combinations

Hypra[®] multi-pin connectors

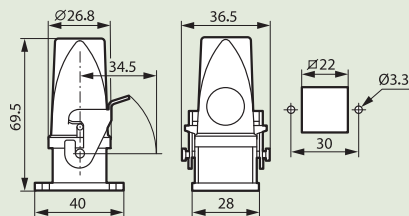
plastic, metal

10, 16, 32A

■ DIMENSIONS

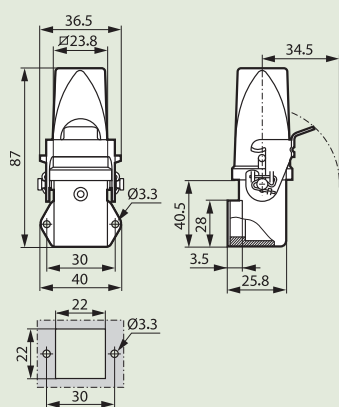
Top entry plug + flush mounting socket with lock

Cat. nos. 0526 18/19 & 0531 18/19



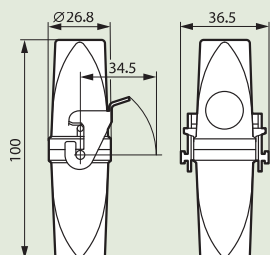
Top entry plug + flush mounting socket with lock (side entry)

Cat. nos. 0531 20/21/22/23



Top entry plug + vertical hood sockets with lock

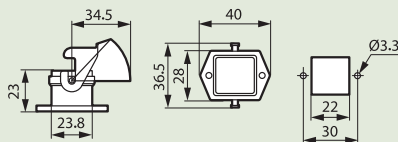
Cat. nos. 0526 16/17 to 0531 16/17



Flush mounting socket with lock

250 V - 10 A - 3P+_⊥ and 400 V - 10 A - 4P+_⊥ plastic

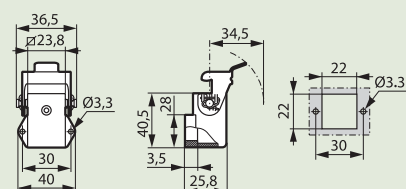
Cat.nos. 0526 50/51 **and metal** Cat.nos. 0531 50/51



Flush mounting socket with lock (side entry)

250 V - 10 A - 3P+_⊥ and 400 V - 10 A - 4P+_⊥ plastic

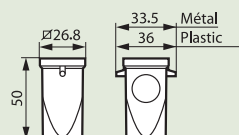
Cat.nos. 0531 06/07 **and metal** Cat.nos. 0531 08/09



Top entry plug

250 V - 10 A - 3P+_⊥ and 400 V - 10 A - 4P+_⊥

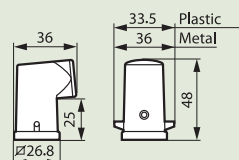
Cat.nos. 0526 40/41 and 0531 40/41



Side entry plug

250 V - 10 A - 3P+_⊥ and 400 V - 10 A - 4P+_⊥

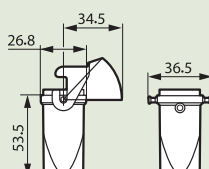
Cat. nos. 0531 10/11/12/13



Vertical hood socket with lock

250 V - 10 A - 3P+_⊥ and 400 V - 10 A - 4P+_⊥

Cat. nos. 0526 26/27 and Cat. nos. 0531 26/27



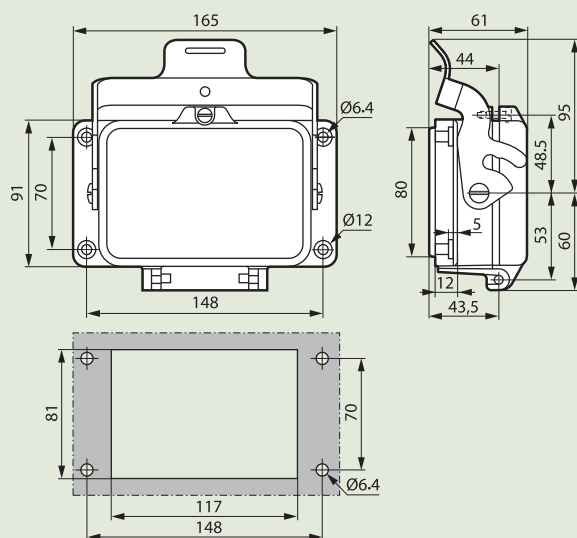
Hypra[®] multi-pin connectors

plastic, metal

10, 16 to 32A

500 V - 16 A - 48P+_±

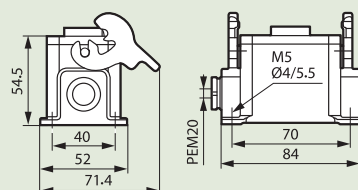
Cat.nos. 0531 58



Surface mounting socket with lock

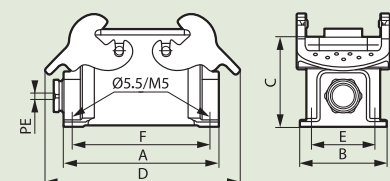
500 V - 16 A - 6P+_±

Cat.nos. 0526 60



500 V - 16 A - 10 to 24P+_±

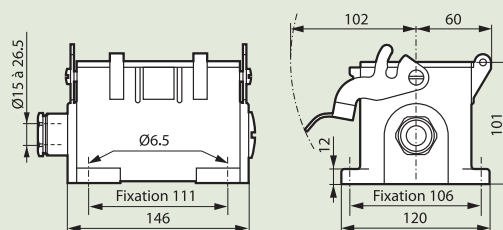
Cat.nos. 0526 61/62/63



Intensity	Cat. nos.	No of poles	A	B	C	D	E	F	PE	Ø
16 A	0526 61	10P+T	94	52	54,5	117	40	82	M20	3-14,5
	0526 62	16P+T	117	57	56,5	138	45	105	M25	7,5-19
	0526 63	24P+T	144	57	56,5	164	45	132	M25	7,5-19

500 V - 16 A - 48P+_±

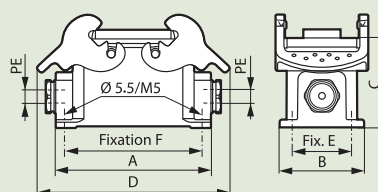
Cat.nos. 0526 65



Surface mounting socket with lock & two cable entries.

500 V - 16 A - 10 to 24P+_±

Cat.nos. 0531 71/72/73

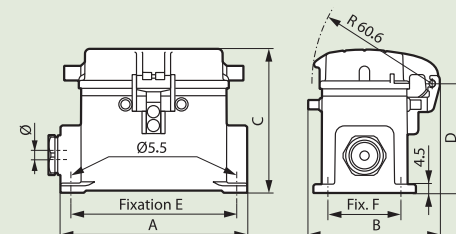


Intensity	No of poles	A	B	C	D	E	F	PE	Ø
16 A	10P+T	94	52	54,5	117	40	82	M20	3-14,5
	16P+T	117	57	56,5	138	45	105	M25	7,5-19
	24P+T	144	57	56,5	164	45	132	M25	7,5-19

Surface mounting socket with flap & two cable entries.

500 V - 16 A - 10 to 24P+_±

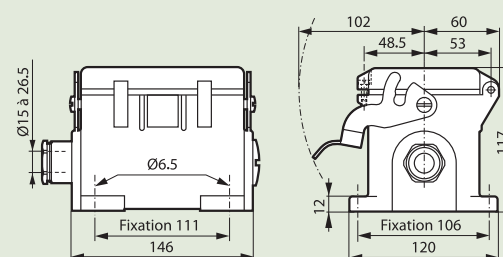
Cat.nos. 0531 61/62/63



Intensity	No of poles	A	B	C	D	E	F	PE	Ø
16 A	10P+T	94	67	72	55,6	82	40	M20	3-14,5
	16P+T	117	67	74	57,6	105	45	M25	7,5-19
	24P+T	144	67	74	57,6	132	45	M25	7,5-19

500 V - 16 A - 48P+_±

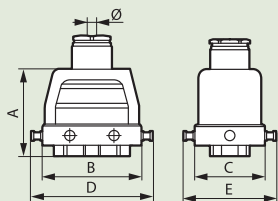
Cat.nos. 0531 65



Top entry plug

400 V - 32 A - 6P+ $\pm$ and 500 V - 16 A - 6P+ $\pm$ to 48P+ $\pm$

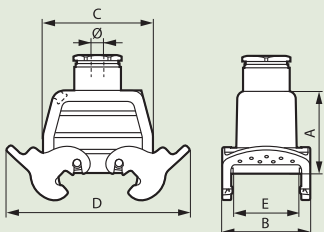
Cat. nos. 0526 42 to 0526 48



Intensity	Cat. nos.	No of poles	A	B	C	D	E	PE	Ø
16 A	0526 42	6P+T	47,5	60	43	73,5	-	M20	3-14,5
	0526 43	10P+T	53	73	43	-	56	M20	3-14,5
	0526 44	16P+T	60	93,5	43	-	56	M25	7,5-19
	0526 45	24P+T	70	120	43	-	56	M25	7,5-19
	0526 46	32P+T	94	93,5	82,5	-	97,5	M32	15-26,5
	0526 48	48P+T	107	132	90	146	-	M32	15-26,5
32 A	0526 47	6P+T	60	93,5	43	-	56	M25	7,5-19

Top entry socket with lock

500 V - 16 A - 10P+ $\pm$ to 24P+ $\pm$ Cat. nos. 0531 43/44/45



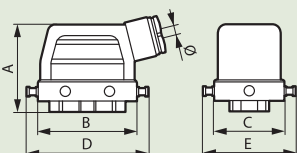
Intensity	No of poles	A	B	C	D	E	PE	Ø
16 A	10P+T	53	57,2	73	119	43	M20	3-14,5
	16P+T	60	57,2	93,5	139	43	M25	7,5-19
	24P+T	70	57,2	120	166	43	M25	7,5-19

Side entry plug

400 V - 32 A Cat. nos. 0526 35

- 6P+ $\pm$ and 500 V - 16 A - 6P+ $\pm$ to 32P+ $\pm$

Cat. nos. 0526 30/31/32/33/34/36

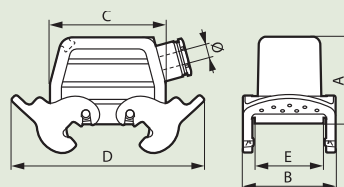


Intensity	Cat. nos.	No of poles	A	B	C	D	E	PE	Ø
16 A	0526 30	6P+T	47,5	60	43	73,5	-	M20	3-14,5
	0526 31	10P+T	53	73	43	-	56	M20	3-14,5
	0526 32	16P+T	60	93,5	43	-	56	M25	7,5-19
	0526 33	24P+T	70	120	43	-	56	M25	7,5-19
	0526 34	32P+T	94	93,5	82,5	-	97,5	M32	15-26,5
	0526 36	48P+T	107	132	90	146	-	M32	15-26,5
32 A	0526 35	6P+T	60	93,5	43	-	56	M25	7,5-19

Side entry plug with lock

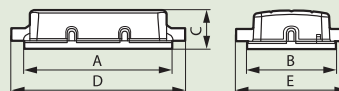
500 V - 16 A - 10P+ $\pm$ to 24P+ $\pm$

Cat. nos. 0531 31/32/33

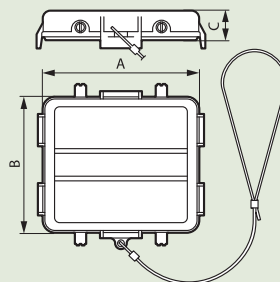


Intensity	No of poles	A	B	C	D	E	PE	Ø
16 A	10P+T	53	56	73	119	43	M20	3-14,5
	16P+T	60	56,4	93,5	139	43	M25	7,5-19
	24P+T	70	56,4	120	166	43	M25	7,5-19

6P+ $\pm$ to 32P+ $\pm$ Cat. nos. 0526 70/71/73/74/76

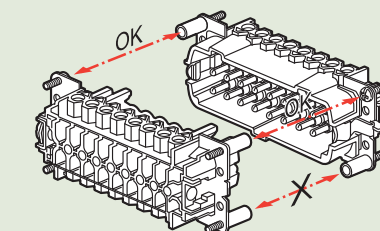


Intensity	Cat. nos.	No of poles	A	B	C	D	E
16 A	0526 70	6P+T	62,5	45,5	20	75	-
	0526 71	10P+T	75,5	45,5	20	-	57,2
	0526 76	16P+T	96	45,5	20	-	57,2
	0526 73	24P+T	122,5	45,5	20	-	57,2
32 A	0526 76	6P+T	96	45,5	20	-	57,2

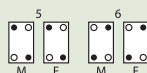
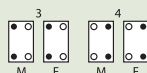
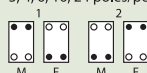


Intensity	Cat. nos.	No of poles	A	B	C
16 A	0526 74	32P+T	93,5	82,5	23

Foolproofing pins

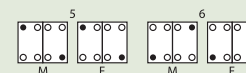
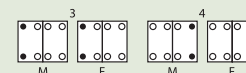
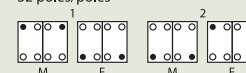


3, 4, 6, 16, 24 poles/poles



● Coding pins
○ Fixing screws

32 poles/poles



M Male connector part
F Female connector part

technical data

■ Definition

The main function of Hypra multi-pins connectors is to answer the connection needs of power and control circuits.

- All types of industry (carmakers, steel, etc.)
- Machine tool industry
- Industrial automation
- Information controls and transport, signalling

These products provide for various uses that can be combined or not on the same connector :

- Provision of low-intensity electric current (up to 32A)
- Control of remote controls and PLCs.
- Transmission of data to control lights and indicators
- Star/delta motor starting for three-phase asynchronous motors that enables machines to be connected to 230V (delta) and 380V (star)
- Three-phase motor polarity change (e.g.:change of speed for Dahlander type two-speed motors, change in direction of rotation) These products are used on industrial equipment and secondarily on commercial equipment. This equipment is usually fixed, except in the case of three-phase motors. Type of equipment :

Type of equipment : injection presses, lifts, escalators and elevators, hoists, overhead cranes, automated lines, industrial robots, packaging machines, sound studios, building illumination, three-phase asynchronous electric motors, automation cabinets

- Full compatibility with existing equipment
- Available in complete kit (male part + female part) it's possible to reserve the insert in the metal or plastic bodies
- Available by function (male part or female part)
- Spare parts on special request

■ Use

Functionalities

Bulkhead-mounting housing for cabinet mounting
Surface-mounting housing for offset mounting
Side hood :easy installation in reduced space
Top hood :for suspended use (e.g.:overhead crane)

Current and Voltage

10, 16A and 32A
250V in 3P+E
400V in 10A 4P+E and 32A 6P+E
500V for all other polarities

Polarity

3P+E and 4P+E in 10A
6P+E in 16A and 32A
from 10P+E to 48P+E in 16A

Locking

Single locking

- For products 3P+E, 4P+E, 6P+E (16A) and 48P+E.

Double locking

- For products 32A of 6P+E and 16A from 10P+E to 32P+E.

Connection/disconnection cycles

Rated current	Connection	Connection cycles
16 A	Screw	200
16 A	Automatic (spring)	500
32 A	Screw	200
10 A	Screw	3-pole 50 4-pole 400

Breaking Capacities

There is no breaking capacity requirement in IEC 61 984.
Connectors must not be connected or disconnected on load.

Cable enties

The cable entries of hoods and housings have metric thread.

Top hood

16A 6P+E to 10P+E = M20
16A 16P+E to 24P+E = M25
16A 32P+E and 48P+E = M32
32A 6P+E = M25

Side hood

16A 6P+E to 10P+E = M20
16A 16P+E to 24P+E = M25
16A 32P+E = M32
32A 6P+E = M25

Surface-mounting housing

16A 6P+E to 10P+E = M20
16A 16P+E to 24P+E = M25
16A 48P+E = M32

■ Connection

- Increasing numbering of contacts marking on both sides
- Fool proofing system by insert shape
- Power screwdrivers can be used thanks to the screwdriver guide

Screw connection

- Captives screws
 - Terminals supplied open
- 10A :0.5 – 2.5 mm (22-12 AWG) – 4 mm stripping
16A :0.5 – 2.5mm (20-12 AWG) – 7 mm stripping
32A :2.5-6mm (14-8 AWG) – 10 mm stripping

Spring connection

- For the complete kit (flush-mounting base + side output cover) in 16A
From 6P + E to 24P + E
16A :0.14 – 2.5mm (26-12 AWG) – 7 mm stripping

NOTE :

The earth conductors must have a cross-section at least equivalent to the largest cross-section of the phase conductors

- For flush-mounting base with terminal block functions
16A : 0.5 – 2.5mm (20-12 AWG) – 9 mm stripping

Conductors

Number of conductors which can be introduced in the screw terminal
10A screw : 2 times 0.5 mm up to 2 times 1.5 mm²
16A screw : 2 times 0.5 mm up to 2 times 1.5 mm²
32A screw : 2 times 0.5 mm up to 2 times 4.0 mm²
16A spring : it is not possible to connect more than one conductor per pole.

■ General Characteristics

The various tests

6.1 Glow wire and Use temperatures

- 850° contact support (inserts)
- 650° enclosure (plastic)
- Use temperature :- 40°C / +100°C

UV Resistance

- No alteration of the material
- Radiation intensity: 550 W/m
- Test duration: 168 hours
- Infrared and ultra-violet filter in order to get as close to the solar spectrum as possible

Shock withstand voltage and degree of pollution

6 kilovolts

4 kilovolts for 10A products

Degree of pollution : 3

Weatherproofing and IK

10A IP55

16A/32A IP65

- Captive adhesive seals
- The covers and bases are IK 08.

Material of components

ROHS compliance

Without cover and without connection:

- Base and hood body : metal
- The 3P+E and 4P+E versions are also available in plastic
- Contacts: treated brass
- Contact supports : plastic
- Insert fixing screws : zinc-coated steel
- Connection screws : tinned steel
- Seal: neoprene

■ Compliance with the standards

- Compliance with standards NF EN 61 984 and IEC 61 984
- Compliance with standards NF EN 60 529 and IEC 60 529 (IP)
- Compliance with standards NF EN 62 262 and IEC 62 262 (IK)
- Approvals : UL, CSA
- Compliance with ROHS

Basic curve and hard curve

