

# PK Plugs and sockets

## Low voltage

### Wall-mounted sockets



#### Functions

They can be wall-mounted to supply appliances with wander plugs.

#### Characteristics

- Degree of protection, according to IEC 60529:
  - 16 and 32A IP44 and IP 67; 63 and 125A IP67
- Pilot contact available in the 63A and 125A
- Degree of protection against external mechanical impacts, according to EN 50102: IK08
- Resistance to fire and abnormal heat, according to IEC 60695-2-1: 850°C (glow wire test)
- Materials :
  - housing made of self-extinguishing engineering polymer
  - sleeves made of nickel-plated brass
  - screws, pins and springs made of stainless steel
  - cable entry:

In	IP44/IP67 fair-lead	IP67 cable gland
16A	8 – 15 mm	PG16 (PG21 5P)
32A	11,5 – 21 mm	PG 21
63A		PG 36
125A		PG 48

- connection terminals :
  - captive screws, completely loosened
  - maximum cross section of conductors:

In	Solid and stranded wire flexible cables
16A	1 to 4 mm <sup>2</sup>
32A	2,5 to 10 mm <sup>2</sup>
63A	6 to 25 mm <sup>2</sup>
125A	16 to 70 mm <sup>2</sup>

#### Code of wall-mounted sockets

##### IP 44

rates current	poles and wires	rated voltage			
		100-130V	200-250V	380-415V	480-500V
16A	2P+ $\perp$	83101	83104	83107	
	3P+ $\perp$	83102	83105	83108	83111
	3P+N+ $\perp$	83103	83106	83109	83112
32A	2P+ $\perp$	83113	83116	83119	
	3P+ $\perp$	83114	83117	83120	83123
	3P+N+ $\perp$	83115	83118	83121	83124

##### IP 67

rates current	poles and wires	rated voltage			
		100-130V	200-250V	380-415V	480-500V
16A	2P+ $\perp$	83151	83154	83157	
	3P+ $\perp$	83152	83155	83158	83161
	3P+N+ $\perp$	83153	83156	83159	83162
32A	2P+ $\perp$	83163	83166	83169	
	3P+ $\perp$	83164	83167	83170	83173
	3P+N+ $\perp$	83165	83168	83171	83174
63A	2P+ $\perp$		81178		
	3P+ $\perp$	81176	81179	81182	81185
	3P+N+ $\perp$	81177	81180	81183	81186
125A	2P+ $\perp$		81190		
	3P+ $\perp$	81188	81191	81194	81197
	3P+N+ $\perp$	81189	81192	81195	81198



83104



83171



81195