



AC 166®-A Classic 2 - 5 pole

AC 166-A STD and BUD - 2 - 5 pole plugs and sockets with double connection

Approvals Click for Approvals (PDF)					
Nominal cross-section mm²	2,5	14 AWG 16 amp.	14 AWG 16 amp.	2,5	
Voltage rating V	250/400*	600	600	400	

* 400 V with 4 pole and 5 pole type only

Technical data

Connection	double connection two screws per pole conductor size 0.5 - 2.5 mm ²
Mouldings	polyamide 6/6, black or white flammability rating to UL 94: V-2 continuous working temperature 100 °C short-time temperature 160 °C
Contacts	brass, plated
Screws	M3: ⌀ max. 0.5 Nm steel, zinc plated, chromed
Current rating	to EN 61984: 16 A / 250 V at T 70 °C
Upper limit temperature	to EN 61984: 110 °C
Stripping length	7 mm
Protection class	IP20 IP40 when plugged-in



Order info

Description	Item	Order No.	PU
Plugs			
2 pole	AC 166-A STD/ 2 white	160552	250
	AC 166-A STD/ 2 black	160562	250
3 pole	AC 166-A STD/ 3 white	160553	200
	AC 166-A STD/ 3 black	160563	200
4 pole	AC 166-A STD/ 4 white	160554	150
	AC 166-A STD/ 4 black	160564	150
5 pole	AC 166-A STD/ 5 white	160555	100
	AC 166-A STD/ 5 black	160565	100
Sockets			
2 pole	AC 166-A BUD/ 2 white	163552	250
	AC 166-A BUD/ 2 black	163562	250
3 pole	AC 166-A BUD/ 3 white	163553	200
	AC 166-A BUD/ 3 black	163563	200
4 pole	AC 166-A BUD/ 4 white	163554	150
	AC 166-A BUD/ 4 black	163564	150
5 pole	AC 166-A BUD/ 5 white	163555	100
	AC 166-A BUD/ 5 black	163565	100

Variants

AC 166-A ST and BU	2 - 5 pole plugs and sockets
AC 166-1 ST/3 and BU/3	3 pole plugs and sockets (construction identical to standard)
AC 166 STF/3 and BUF/3	3 pole flat plugs and sockets, complete with strain relief

Accessories

AC 166-A ZEL	2 - 5 pole strain reliefs for ST/ and STD/ resp. BU/ and BUD/
AC 166 KU	3 pole connecting links
AC 166 VKE and VKH	3 pole protective caps to seal inactive terminals

Upon request

with strain relief assembled