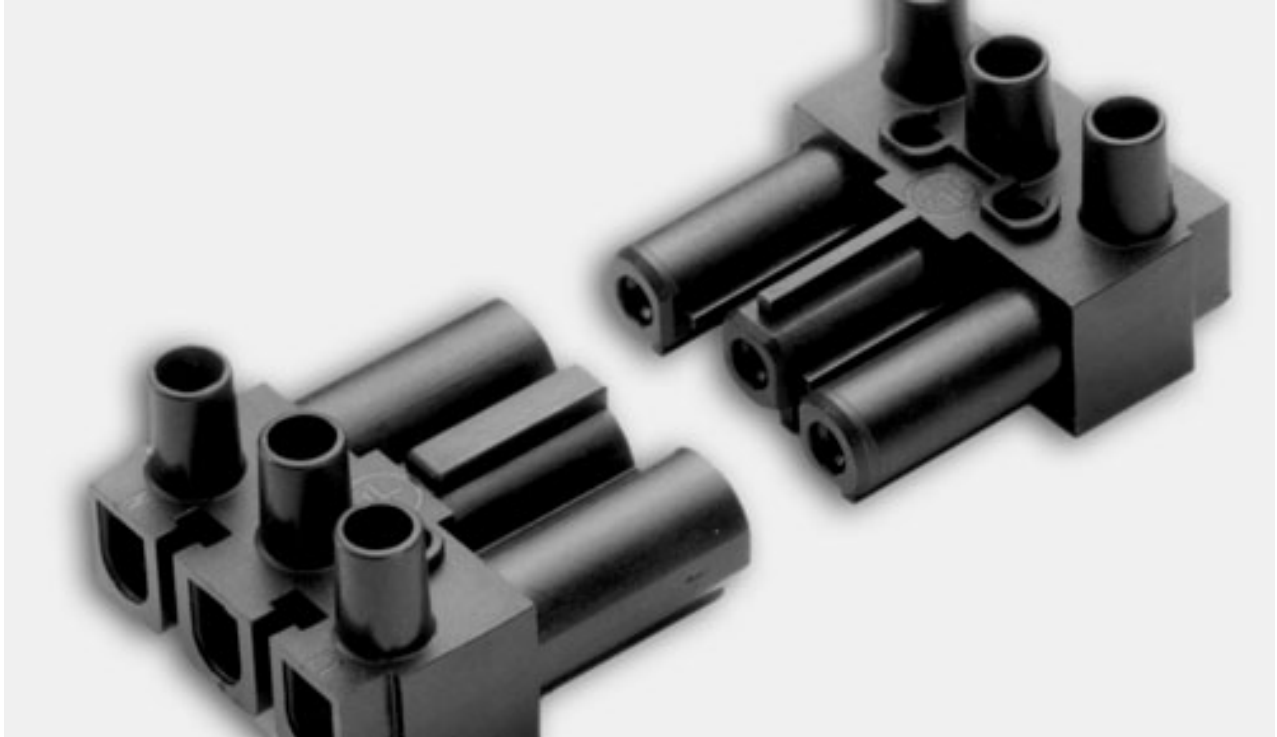


AC 166® G 3 pole

AC 166 GST/3 and GBU/3 - 3 pole plugs and sockets



Approvals Click for Approvals (PDF)							
Nominal cross-section mm ²	1,5 / 2,5	1,5 / 2,5	14 AWG 16 amp.	16-14 AWG 16 amp.	2,5	1,5 / 2,5	
Voltage rating	V	250	250	600	600	250	250

Technical data

Connection	screw conductor size 0.5 - 2.5 mm ²
Mouldings	polyamide 6/6, black, white, pebble grey, pastel blue (DALI) 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
Voltage rating	Rated voltage 250 V Rated impulse voltage 4kV (Pollution degree 2)
Current rating	to EN 61535: 20 A at T 70 °C to EN 61984: 16 A 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			
Coding 1 (L PE N)	AC 166 GST/ 3 white	162053	200
	AC 166 GST/ 3 black	162063	200
Coding 2 (L PE N)	AC 166 GST/ 3 pebble grey	162003	200
Coding 5 (1 2 3) DALI	AC 166 GST/ 3 pastel blue	162043	200
Sockets			
Coding 1 (N PE L)	AC 166 GBU/ 3 white	165053	200
	AC 166 GBU/ 3 black	165063	200
Coding 2 (N PE L)	AC 166 GBU/ 3 pebble grey	165003	200
Coding 4 (3 2 1)	AC 166 GBU/ 3 brown	165093	200
Coding 5 (3 2 1) DALI	AC 166 GBU/ 3 pastel blue	165043	200

Variants

AC 166 GSTF/3 and GBUF/3	3 pole flat plugs and sockets, complete with strain relief
AC 166 GSTF/3 and GBUF/3 Cod.	3 pole flat plugs and sockets, with strain relief, in various coding variants
AC 166 GSTPF/3 and GBUPF/3	3 pole flat plugs and sockets with strain relief, screwless, with clamping spring terminals
AC 166 GST/6 and GBU/6	6 pole plugs and sockets (2 x 3 pole)

Accessories

AC 166-1/3 ZEL	3 pole strain reliefs for GST/3 and GBU/3
AC 166-1/6 ZEL	6 pole strain reliefs for GST/3 and GBU/3
AC 166 GKU	3 pole connecting links
AC 166 VKE and VKH	3 pole protective caps to seal inactive terminals
AC 166 VSE, VSF, VSL	Latches
AC 166 VSS	12 pole locking pins

Upon request

with strain relief assembled