ADELS contact

Connectors System AC 166®
Plug and Socket Connectors Flat Version

AC 166 GBUF/310 brown ZEL white



Socket, 3 pole, brown, Coding: 4 (Control), Cable Diameter min.: 4.5 mm, Cable Diameter max.: 5.5 mm, Voltage Rating: 250 V, Current Rating: 20 A, Cross-Section: 2.5 mm², Connection Type: Screw

Order Info

Reference Number (ref. no.)	165253B
Applications	Lighting, Installation, Electrical Appliances
PU	0

Type

Type	Socket
Number of poles	3 pole
Clamping Units per Pole	1
Colour	brown
Coding	4 (Control)
Cross-Section	2.5 mm²
Connection Type	Screw
Protection Against Incorrect Plugging	yes

Technical Data

Voltage Rating	250 V
Current Rating	20 A
Insulating Material	PA 6.6
Contact Material	Brass
Core Cross-Section min.	0.5 mm²
Core Cross-Section max.	2.5 mm²
Impulse Voltage Rating	4.0 kV
Flammability Rating	V-2
max. Ambient Temperature Operation	70 °C
IP Code	IP20
IP Code when Plugged	IP40
Type of Conductor Solid	yes
Type of Conductor Flexible	yes
Type of Conductor Stranded	yes
Stripping Length	7.0 mm
Dismantling Length PE	39.0 mm

Dismantling Length	32.0 mm
Assembly Contact Screw	0.5x3.0 / ↻ 0.3 Nm
Assembly Strain Relief	PZ 1 / ↻ 0.5 Nm
Cable Diameter min.	4.5 mm
Cable Diameter max.	5.5 mm
Strain Relief	yes
Approbation EN61535	AC166-G_Leitungen_EN61535_20121212_20180725_VDE_ENEC_40
Approbation UL	160_163_AC164_AC166_20011003_20170727_UL_E220480_Sec.1-(
Approbation CSA	AC_160-163-166_166G_20080321_CSA_1997949_Certificate_web.p

Accessories

AC 166-1/ 4 ZEL F white	166154
AC 166-1/ 4 ZEL FH white	166154H
AC 166-1/ 4 ZEL FO white	166154O
AC 166-1/ 4 ZEL R white	166054
AC 166-1/ 4 ZEL RH white	166054H
AC 166-1/ 4 ZEL RO white	166054O
AC 166-1/ 4 ZEL F black	166164
AC 166-1/ 4 ZEL FH black	166164H
AC 166-1/ 4 ZEL FO black	166164O
AC 166-1/ 4 ZEL R black	166064
AC 166-1/ 4 ZEL RH black	166064H
AC 166-1/ 4 ZEL RO black	166064O
AC 166 VSF white	169553
AC 166 VSF black	169563
AC 166 VSE white	169453
AC 166 VSE black	169463
AC 166 VSL white	169554
AC 166 VSL black	169564
AC 166 VSF white	169553
AC 166 VSF black	169563
AC 166 GVT 3/ 4 black	167164
AC 166 GVT 3/ 4 white	167154