ADELS contact

Connectors System AC 166®
Plug and Socket Connectors Flat Version

AC 166 GBUF/325 black



Socket, 3 pole, black, Coding: 1 (Mains), Cable Diameter min.: 9.5 mm, Cable Diameter max.: 10.5 mm, Voltage Rating: 250 V, Current Rating: 20 A, Cross-Section: 2.5 mm², Connection Type: Screw

Order Info

Reference Number (ref. no.)	165663
Applications	Lighting, Installation, Electrical Appliances
PU	200
EAN	4028012102105

Type

Type	Socket
Number of poles	3 pole
Clamping Units per Pole	1
Colour	black
Coding	1 (Mains)
Cross-Section	2.5 mm²
Connection Type	Screw
PE Function	yes
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.	9.5 mm
Cable Diameter max.	10.5 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 VKH/ 3 white	169253
AC 166 VKH/ 3 black	169263
AC 166 VKE/ 3 white	169153
AC 166 VKE/ 3 black	169163
AC 166 VKH/ 3 white	169253
AC 166 VKH/ 3 black	169263
AC 166 VKE/ 3 white	169153
AC 166 VKE/ 3 black	169163
AC 166 VKH/ 3 white	169253
AC 166 VKH/ 3 black	169263
AC 166 VKE/ 3 white	169153
AC 166 VKE/ 3 black	169163
AC 166 VKH/ 3 white	169253
AC 166 VKH/ 3 black	169263
AC 166 VKE/ 3 white	169153
AC 166 VKE/ 3 black	169163
AC 166 GKU/ 3 white	167053
AC 166 GKU/ 3 black	167063
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/ 3 black	167163
AC 166 GVT 3/ 3 white	167153
AC 166 GVT 4/ 3 black	167163V2

AC 166 GVT 4/ 3 white	167153V2
AC 166 GVT 6/ 3 black	167163V4
AC 166 GVT 6/ 3 white	167153V4