



Connectors System AC 166® Plug and Socket Connectors Flat Version

AC 166 GBUF/325 black

socket, 3 pole, black, coding: 1 (mains), cable diameter max.: 9.5 mm, cable diameter max.: 10.5 mm, voltage rating: 250 V, current rating: 20 A, cross-section rating: 2.5 mm²



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 rating	2.5 mm ²
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 mm ²
core cross-section max.	2.5 mm ²
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 / \cup 0.3 Nm
strain relief assembly	PZ 1 / \cup 0.5 Nm
cable diameter max.	9.5 mm
cable diameter max.	10.5 mm
strain relief	yes
core cross-section	2.5 mm ²
Approbation EN61535	AC166-G_Leitungen_EN61535_20121212_20180725_VDE_ENEC_4C
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 VSF black	169563
AC 166 VSF white	169553