



Building Installation Connector System AC 166®

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Plug and Socket Connectors Flat Version

AC 166 GBUPF/ 3 SW



Order Info

reference number (ref. no.)	165563
PU	200
EAN	4028012107261

Type

Type	socket
connection type	push-in
number of poles	3 pole
coding	1 (mains)
colour	black
protection against incorrect plugging	yes
PE-function	yes
strain relief	yes

Electrical Data

rated voltage	250 V
rated current	20 A
rated impulse voltage	4.0 kV

Connection Data

cross-section rating	2.5 mm ²
cross-section rating (UL)	14 AWG
clamping range	0.5 - 2.5 mm ²
sheathing cable diameter	7.5 - 10.5 mm
type of conductor	solid
stripping length	9.0 mm
dismantling length	35.0 mm
dismantling length PE	42.0 mm
clamping units per pole	2
strain relief assembly	PZ 1 / ⤵ 0.5 Nm

Ambient Conditions

T _{max} ambient air (at rated current)	70 °C
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T_{max} component (operation)	110 °C
T_{min} component (operation)	-20 °C
IP Code acc. to EN 60529	IP20
IP Code when plugged	IP40

Materials

insulator material	PA
contact material	spring steel, brass
flammability rating acc. to UL 94	V-2

Approvals

acc. to EN 61535	yes
acc. to UL	yes

Accessories

AC 166 VSF SW	169563
AC 166 VSF WS	169553