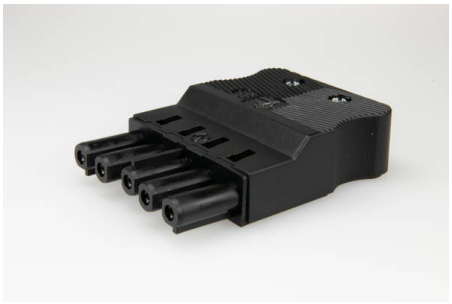
ADELS contact

Building Installation Connector System AC 166®
G
Plug and Socket Connectors Flat Version

AC 166 GBUF/515 SW



Order Info

reference number (ref. no.)	165465
PU	100
EAN	4028012103799

Type

Type	socket
connection type	screw
number of poles	5 pole
coding	1 (mains)
colour	black
protection against incorrect plugging	yes
PE-function	yes
strain relief	yes

Electrical Data

rated voltage	400 V
rated current	20 A
rated impulse voltage	4.0 kV

Connection Data

cross-section rating	2.5 mm²
cross-section rating (UL)	14 AWG
clamping range	0.5 - 4.0 mm²
sheathing cable diameter	9.3 - 10.3 mm
type of conductor	fine stranded, stranded, solid
stripping length	7.0 mm
dismantling length	32.0 mm
dismantling length PE	39.0 mm
clamping units per pole	1
contact screw assembly	0.5 x 3.0 / ↻ 0.3 Nm
strain relief assembly	PZ 1 / ↻ 0.5 Nm

Ambient Conditions

T_{max} ambient air (at rated current)	70 °C
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	brass
flammability rating acc. to UL 94	V-2

Approvals

acc. to EN 61535	yes
acc. to UL	yes
acc. to CSA	yes

Accessories

AC 166 VSF SW	169563
AC 166 VSF WS	169553