



Building Installation Connector System
AC 166® G
Panel Mounting

AC 166 GEBU/ 5 SW



Order Info

reference number (ref. no.)	168865
PU	100
EAN	4028012102938

Type

Type	panel mount socket
connection type	push-in
number of poles	5 pole
coding	1 (mains) black
colour	black
protection against incorrect plugging	yes
PE-function	yes

Electrical Data

rated voltage	400 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
type of conductor	solid
stripping length	8.0 - 9.0 mm
fixing	catch wing
clamping units per pole	2
wall thickness	0.5 - 1.2 mm

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	spring steel, brass
flammability rating acc. to UL 94	V-2

Approvals

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

Accessories

AC 166 VSE SW	169463
AC 166 VSE WS	169453