ADELS contact

Building Installation Connector System AC 166®
G
Panel Mounting
AC 166 GEST/ 5 SW



Order Info

reference number (ref. no.)	168765
PU	100
EAN	4028012102891

Type

Type	panel mount plug
connection type	push-in
number of poles	5 pole
coding	1 (mains)
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

Accessories

AC 166 VSE SW	169463
AC 166 VSE WS	169453