



Connectors System AC 166® Classic Plug and Socket Connectors Tall Version

AC 166-A ST/ 2 SW



Order Info

reference number (ref. no.)	160362
PU	250
EAN	4028012100699

Type

Type	plug
connection type	screw
number of poles	2 pole
coding	1 (mains)
colour	black
protection against incorrect plugging	yes

Electrical Data

rated voltage	250 V
rated current	16 A
rated impulse voltage	2.5 kV

Connection Data

cross-section rating	2.5 mm ²
cross-section rating (UL)	14 AWG
clamping range	0.5 - 4.0 mm ²
type of conductor	fine stranded, stranded, solid
stripping length	7.0 mm
fixing	Screw
clamping units per pole	1
mounting hole diameter	3.5 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	brass
flammability rating acc. to UL 94	V-2

Approvals

acc. to EN 61984	yes
acc. to UL	yes
acc. to CSA	yes

Accessories

AC 166-A ZEL/ 2 SW	166662
AC 166-A ZEL/ 2 H SW	17610