



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

## AC 166 STF/325 SW



### Order Info

reference number (ref. no.)	161263
PU	200
EAN	4028012143399

### Type

Type	plug
Type1	plug
connection type	screw
number of poles	3 pole
coding	1 (mains) black
colour	black
protection against incorrect plugging	yes
PE-function	yes
strain relief	yes

### Electrical Data

rated voltage	250 V
rated voltage (UL)	600 V
rated current	16 A
rated current (UL)	16 A
rated impulse voltage	2.5 kV

### Connection Data

cross-sectional area (UL)	14 AWG
clamping range	0.5-4.0 mm <sup>2</sup>
sheathing cable diameter	9.5-10.5 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
pole marking	L1 ⊕ N
strain relief assembly	PZ 1 / ⤵ 0.5 Nm

## Ambient Conditions

T <sub>max</sub> ambient air (at rated current)	70 °C
T <sub>max</sub> component (operation)	110 °C
T <sub>min</sub> 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
acc. to UL
acc. to CSA

## Accessories

AC 166 VSF SW	169563
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