



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

AC 166 BUF/310 SW



Order Info

reference number (ref. no.)	163863
PU	200
EAN	4028012143504

Type

Type	socket
connection type	screw
number of poles	3 pole
coding	1 (mains)
colour	black
protection against incorrect plugging	yes
PE-function	yes
strain relief	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
sheathing cable diameter	4.5 - 5.5 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

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
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IP Code when plugged	IP40
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Materials

insulator material	PA
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contact material	brass
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flammability rating acc. to UL 94	V-2
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Approvals

Accessories

AC 166 VSF SW	169563
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