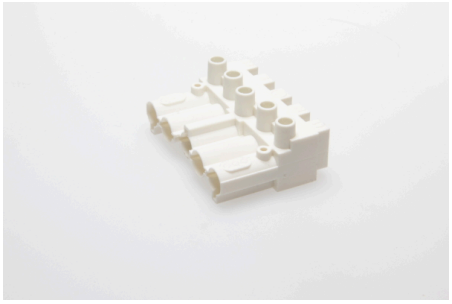
ADELS contact

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

AC 166-A BU/ 5 WS



Order Info

reference number (ref. no.)	163355
PU	100
EAN	4028012107094

Type

Type	socket
connection type	screw
number of poles	5 pole
coding	1 (mains) white
protection against incorrect plugging	yes
PE-function	yes

Electrical Data

rated voltage	250/400 V
rated voltage (UL)	600 V
rated current	16 A
rated current (UL)	16 A
rated impulse voltage	2.5 kV

Connection Data

rated connecting capacity	2.5 mm^2
cross-sectional area (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
contact screw assembly	0.8 x 4.0 / ↻ 0.5 Nm
mounting hole diameter	3.5 mm
pole marking	L1 L2 ⏚ N L3

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	
acc. to UL	
acc. to CSA	

Accessories

AC 166-A ZEL/ 5 WS	166655
AC 166-A ZEL/ 5 O WS	17631