

Parameter

Name:PV AC main &Branch connector(3pin) Type:BC05A

Main line specification:300V,40A(10AWG);

Branch line specification:300V,12A(16AWG);

color:Black



Certificate



Technical parameter

Regular project

Pin number	2P+PE
Main line rated current	40A （Use 10AWG/6mm ² copper cable）
Main line rated voltage	300V
Branch line rated current	12A （Use 16AWG/1.5mm ² copper cable）
Branch line rated voltage	300V
Contact resistance	≤5 mΩ
power frequency withstand voltage	1500V AC
Over voltage type	III
Pollution degree	2 （closed state）
Closure protection class	IP68(1m, 1H)
flame resistance degree	UL94-V0
withdraw force	20～50N
Adapt environment temperature	-40℃～+85℃

Connection parameter

Applicable cable specification	Main line: 14/12/10 AWG Branch: 16/18AWG
Applicable cable outer diameter	Main line: 10~13mm Branch: 7~9.5mm
Locking system	Snap(8mm)

Connection type

Main line connection	screw pressing
Branch line connection	crimping

Material

Housing material	PPE
terminal material	copper zinc alloy
terminal surface treatment	Main line:tin plated Branch line:gold plated
sealing material	silicon rubber

Standard

PPP 59015A:2013	TUV test standard
ANSI/UL 6703-2017	CSA test standard
RoHS compliant	Yes

Outline dimension

length	150mm
width	40mm
height	110mm

REV. 01
2023.6.28

无锡百祺电子科技有限公司 | 无锡光电新材料科技园金山四支路 11 号 5-1
电话: 0086-0510-88771606 | 传真: 0086-0510-88770676
邮编: 214037 | 网址: <http://www.betteri.cn>

Your better choice