



Single-pin Connector

产品介绍:

Overview1.High-performance engineering plastics are more durable2.High-performance machine terminal3.Fast installation4.Compatible with 10~95mm² cables5.Rated voltage up to 1500V DC6.Withstand voltage up to 8000V7.Various color and fool-proofing keyA

 产品询价

Overview

1.High-performance engineering plastics are more durable
2.High-performance machine terminal
3.Fast installation
4.Compatible with 10~95mm² cables
5.Rated voltage up to 1500V DC
6.Withstand voltage up to 8000V
7.Various color and fool-proofing key

Applicants

Connection of battery packs in the energy storage system

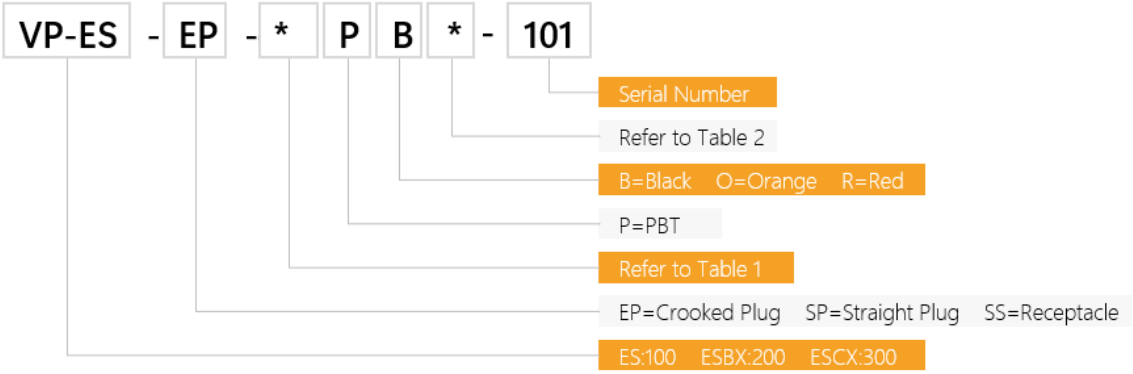
	P100	P200	P300	P400
Temperature Range	-40°C~+125°C			
Protection	IP67 1m@0.5H			
Rated Current	120A Max	250A Max	300A Max	400A Max
Rated Voltage	1500V DC			2000V
Rated Impulse Voltage	6800V DC			8000V
Contact Resistance	≤0.4mΩ			/
Isolation Resistance	≥500MΩ			≥500MΩ



Endurance life	≥500 Times			≥100 Times
Housing Material	PA			PA
Color	Black/Orange/Red			Black
Flame	UL 94V-0			UL 94V-0
Terminals	Brass alloy, Tin-plating			Brass alloy, Silver-plating
Seals	Silicone rubber			Silicone rubber
Adaptive Conductor	10, 16, 25, 35mm ²	35, 50, 70mm ²	70, 95mm ²	120, 150mm ²
Adaptive Wire Diameter	7~14.5mm	13.5~16.5mm	14.5~21.5mm	/
Key	0, A, F			A~E
Environmental Certification	RoHS			RoHS
Product Certification	TUV & UL	TUV	N/A	N/A

Coding





Numbers/Letters	Definition
16	Riveting 16mm ² /10mm ²
25	Riveting 25mm ²
35	Riveting 35mm ²
50	Riveting 50mm ²
70	Riveting 70mm ²
90	Riveting 90mm ²
B	Waist-type Hole
S	Screw Hole
T	Screw Post

◀ Table 1

Key	120A	200A	300A	Color
0°		0		Black/Orange/Red
90°	A	A	A	Orange/Red
45°	F	N/A	N/A	Black
135°	N/A	F	N/A	Black
180°	N/A	N/A	F	Black

▲ Table 2

Product Model

Type	Model	Product Description	Adaptive Conductor
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P100	0 Key	VP-ES-SS*PB0-101	Single-pin ES Receptacle and Plug 120A, Black, 0° Key	10mm²/25mm²/35mm² Waist-type Hole/Screw Hole/Screw Post
		VP-ES-EP*AB0-001		10mm²/25mm²/35mm²
		VP-ES-SP*AB0-001		10mm²/25mm²
		VP-ES-SS*PO0-101	Single-pin ES Receptacle and Plug 120A, Orange, 0° Key	10mm²/25mm²/35mm² Waist-type Hole/Screw Hole/Screw Post
		VP-ES-EP*AO0-001		10mm²/25mm²/35mm²
		VP-ES-SP*AO0-001		10mm²/25mm²
		VP-ES-SS*PR0-101	Single-pin ES Receptacle and Plug 120A, Red, 0° Key	10mm²/25mm²/35mm² Waist-type Hole/Screw Hole/Screw Post
		VP-ES-EP*AR0-001		10mm²/25mm²/35mm²
		VP-ES-SP*AR0-001		10mm²/25mm²
	A Key	VP-ES-SS*POA-101	Single-pin ES Receptacle and Plug 120A, Orange, 90° Key	10mm²/25mm²/35mm² Waist-type Hole/Screw Hole/Screw Post
		VP-ES-EP*AOA-001		10mm²/25mm²/35mm²
		VP-ES-SP*AOA-001		10mm²/25mm²
		VP-ES-SS*PRA-101	Single-pin ES Receptacle and Plug 120A, Red, 90° Key	10mm²/25mm²/35mm² Waist-type Hole/Screw Hole/Screw Post
		VP-ES-EP*ARA-001		10mm²/25mm²/35mm²
		VP-ES-SP*ARA-001		10mm²/25mm²



F Key	VP-ES-SS*PBF-101	Single-pin ES Receptacle and Plug 120A, Black, 45° Key	10mm ² /25mm ² /35mm ² Waist-type Hole/Screw Hole/Screw Post
	VP-ES-EP*ABF-001		10mm ² /25mm ² /35mm ²
	VP-ES-SP*ABF-001		10mm ² /25mm ²

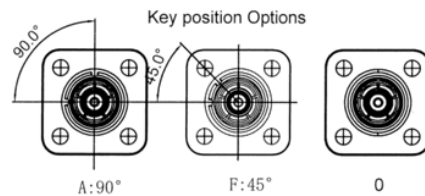
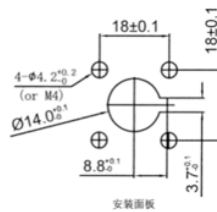
P200	0 Key	VP-ESBX-SS*AB0-001	Single-pin ES Receptacle and Plug 200A, Black, 0° Key	50mm ² /Waist-type Hole/Screw Hole/Screw Post
		VP-ESBX-EP*AB0-001		50mm ²
		VP-ESBX-SP*AB0-001		50mm ²
		VP-ESBX-SS*AO0-001	Single-pin ES Receptacle and Plug 200A, Orange, 0° Key	50mm ² /Waist-type Hole/Screw Hole/Screw Post
		VP-ESBX-EP*AO0-001		50mm ²
		VP-ESBX-SP*AO0-001		50mm ²
		VP-ESBX-SS*AR0-001	Single-pin ES Receptacle and Plug 200A, Red, 0° Key	50mm ² /Waist-type Hole/Screw Hole/Screw Post
		VP-ESBX-EP*AR0-001		50mm ²
		VP-ESBX-SP*AR0-001		50mm ²
	A Key	VP-ESBX-SS*AOA-001	Single-pin ES Receptacle and Plug 200A, Orange, 90° Key	50mm ² /Waist-type Hole/Screw Hole/Screw Post
		VP-ESBX-EP*AOA-001		50mm ²
		VP-ESBX-SP*AOA-001		50mm ²
		VP-ESBX-SS*ARA-001	Single-pin ES Receptacle and Plug 200A, Red, 90° Key	50mm ² /Waist-type Hole/Screw Hole/Screw Post
		VP-ESBX-EP*ARA-001		50mm ²
		VP-ESBX-SP*ARA-001		50mm ²
	F Key	VP-ESBX-SS*ABF-001	Single-pin ES Receptacle and Plug 200A, Black, 135°Key	50mm ² /Waist-type Hole/Screw Hole/Screw Post
		VP-ESBX-EP*ABF-001		50mm ²
		VP-ESBX-SP*ABF-001		50mm ²

P300	0 Key	VP-ESCX-SS*AB0-001	Single-pin ES Receptacle and Plug 300A, Black, 0° Key	70mm ² /95mm ² /Waist-type Hole/Screw Hole
		VP-ESCX-EP*AB0-001		70mm ² /95mm ²
		VP-ESCX-SP*AB0-001		70mm ² /95mm ²
		VP-ESCX-SS*AO0-001	Single-pin ES Receptacle and Plug 300A, Orange, 0° Key	70mm ² /95mm ² /Waist-type Hole/Screw Hole
		VP-ESCX-EP*AO0-001		70mm ² /95mm ²
		VP-ESCX-SP*AO0-001		70mm ² /95mm ²
		VP-ESCX-SS*AR0-001	Single-pin ES Receptacle and Plug 300A, Red, 0° Key	70mm ² /95mm ² /Waist-type Hole/Screw Hole
		VP-ESCX-EP*AR0-001		70mm ² /95mm ²
		VP-ESCX-SP*AR0-001		70mm ² /95mm ²
	A Key	VP-ESCX-SS*AOA-001	Single-pin ES Receptacle and Plug 300A, Orange, 90° Key	70mm ² /95mm ² /Waist-type Hole/Screw Hole
		VP-ESCX-EP*AOA-001		70mm ² /95mm ²
		VP-ESCX-SP*AOA-001		70mm ² /95mm ²
		VP-ESCX-SS*ARA-001	Single-pin ES Receptacle and Plug 300A, Red, 90° Key	70mm ² /95mm ² /Waist-type Hole/Screw Hole
		VP-ESCX-EP*ARA-001		70mm ² /95mm ²
		VP-ESCX-SP*ARA-001		70mm ² /95mm ²
	F Key	VP-ESCX-SS*ABF-001	Single-pin ES Receptacle and Plug 300A, Black, 180° Key	70mm ² /95mm ² /Waist-type Hole/Screw Hole
		VP-ESCX-EP*ABF-001		70mm ² /95mm ²
		VP-ESCX-SP*ABF-001		70mm ² /95mm ²

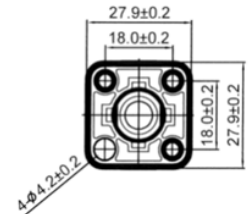
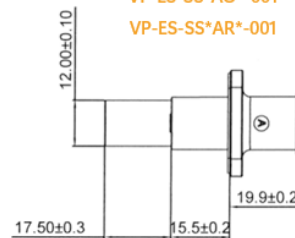
P100 Series Plug and Receptacle

Model	Type	Specification	Color	Adaptive Conductor
VP-ES-SS*PB0-101	Receptacle, 0° Key	120A	Black	10mm ² /25mm ² /35mm ² /Waist-type Hole/Screw Hole/Screw Post
VP-ES-EP*AB0-001	Crooked Plug, 0° Key			10mm ² /25mm ² /35mm ²
VP-ES-SP*AB0-001	Straight Plug, 0° Key			10mm ² /25mm ²
VP-ES-SS*PO0-101	Receptacle, 0° Key	120A	Orange	10mm ² /25mm ² /35mm ² /Waist-type Hole/Screw Hole/Screw Post
VP-ES-EP*AO0-001	Crooked Plug, 0° Key			10mm ² /25mm ² /35mm ²
VP-ES-SP*AO0-001	Straight Plug, 0° Key			10mm ² /25mm ²
VP-ES-SS*PR0-101	Receptacle, 0° Key	120A	Red	10mm ² /25mm ² /35mm ² /Waist-type Hole/Screw Hole/Screw Post
VP-ES-EP*AR0-001	Crooked Plug, 0° Key			10mm ² /25mm ² /35mm ²
VP-ES-SP*AR0-001	Straight Plug, 0° Key			10mm ² /25mm ²
VP-ES-SS*POA-101	Receptacle, 90° Key	120A	Orange	10mm ² /25mm ² /35mm ² /Waist-type Hole/Screw Hole/Screw Post
VP-ES-EP*AOA-001	Crooked Plug, 90° Key			10mm ² /25mm ² /35mm ²
VP-ES-SP*AOA-001	Straight Plug, 90° Key			10mm ² /25mm ²
VP-ES-SS*PRA-101	Receptacle, 90° Key	120A	Red	10mm ² /25mm ² /35mm ² /Waist-type Hole/Screw Hole/Screw Post
VP-ES-EP*ARA-001	Crooked Plug, 90° Key			10mm ² /25mm ² /35mm ²
VP-ES-SP*ARA-001	Straight Plug, 90° Key			10mm ² /25mm ²
VP-ES-SS*PBF-101	Receptacle, 45° Key	120A	Black	10mm ² /25mm ² /35mm ² /Waist-type Hole/Screw Hole/Screw Post
VP-ES-EP*ABF-001	Crooked Plug, 45° Key			10mm ² /25mm ² /35mm ²
VP-ES-SP*ARF-001	Straight Plug, 45° Key			10mm ² /25mm ²

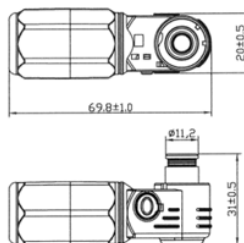
Installation panel



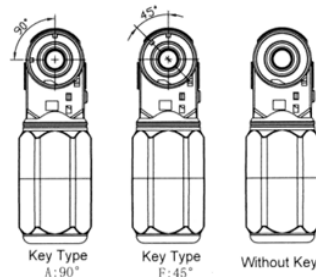
VP-ES-SS*AB*-001
VP-ES-SS*AO*-001
VP-ES-SS*AR*-001



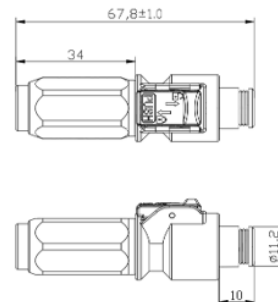
VP-ES-EP*AB*-001
VP-ES-EP*AO*-001
VP-ES-EP*AR*-001



Key position Options



VP-ES-SP*AB*-001
VP-ES-SP*AO*-001
VP-ES-SP*AR*-001



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