

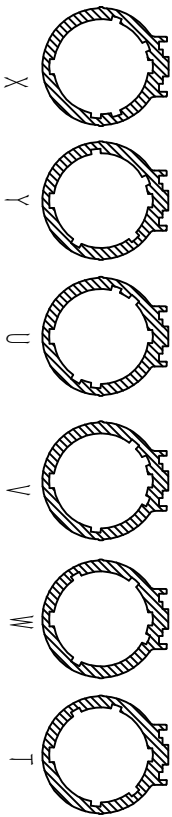
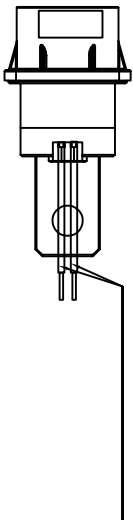
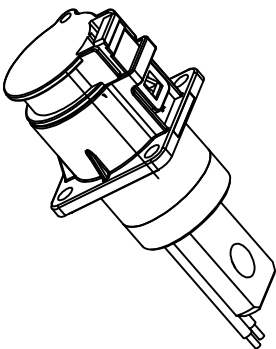
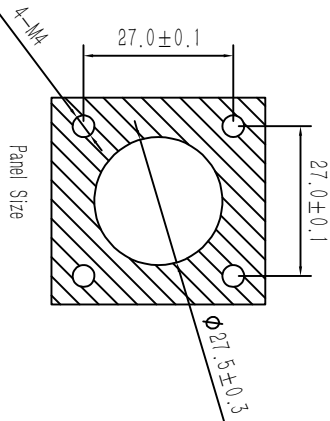
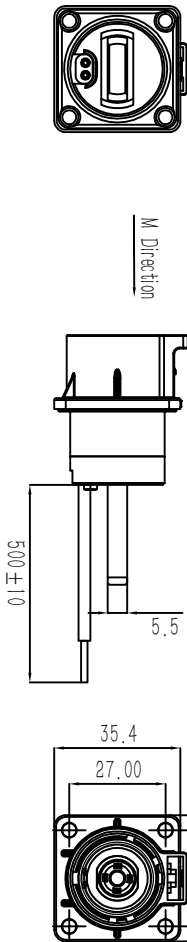
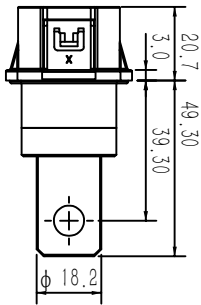
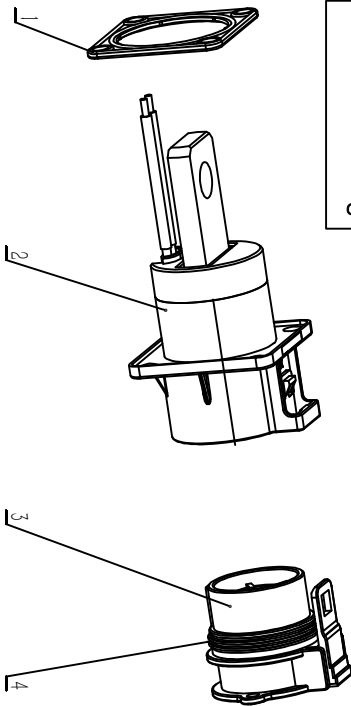
REV		ECN#	DESCRIPTION	REV/BY	APPR.BY	DATE
A	-	-	Initial release	W.F.S	M.D	2024/10/28

Ordering Information

- Technical Specifications:
- Operating Temperature: $-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$.
 - Current Rating: 300 A (MAX).
 - Operating Voltage: 1500 VDC.
 - Dielectric Withstanding Voltage: 4000 VAC & 6000 VDC.
 - Protection Class: IP68 & IP69K; IPXXB & IPXD.
 - Insulation resistance: 25Ω .
 - Shielding (The shielding function is limited to shielding products)
 - Mating Cycle: 100 Min.
 - Automatic Secondary Lock.
 - HVL (HVL functionality is limited to HVL products)
 - Matching plug: BMP18-301-70-2/BMP28-301-70-2

BMP 00 X-30 1-10 M 8-Y01-2	
Key position & Color:	
X,Orange	
Y,Black	
U,Yellow	
V,Green	
W,Red	
T,Blue	
HVL:	
0, Without HVL	
1, With HVL	
Hold Type:	
D, Through Hole	
M, Screw hole	
H, Slotted hole	
Hole Size:	
6, Match M6 screw	
8, Match M8 screw	
10, Match M10 screw	
Salt spray requirements:	
Default: 96 hour	
Y01: 336 hour	
Y02: 480 hour	

Customer Drawing



Schematic diagram of M-direction key position

4	Dust cover seal ring	Flame retardant silicone rubber, red	1
3	Dust cap	PP	1
2	Socket body	/	1
1	Socket seal	Flame retardant fluororubber, black	1
ITEM	DESCRIPTION	TEXTURE	Qty

BALE

Sichuan Bale Electrical Equipment Co. Ltd

PART NAME: BMP 300A RCPT Ver.2

SIGNATURE		DATE	SHEET	No tolerance(mm):	CUST P/N:
DRAWN	W.F.S		1/2	X.: ±1.0 X...: ±0.5	SEE TABLE
CHECKED	M.D		ANGLE OF VIEW	X...: ±0.2 Angle: ±2°	DWG NO: BMP00-301-10-2
APPROVAL	M.D				

REVISIONS					
REV	ECN#	DESCRIPTION	REV BY	APPR BY	DATE
A	-	Initial release	W.F.S	MD	2024/10/28

Receptacle With HVL:

P/N	Description
BMP00X-301-10M6-2	300A RCPT KEY X Busbar M6 WITH HVL
BMP00Y-301-10M6-2	300A RCPT KEY Y Busbar M6 WITH HVL
BMP00U-301-10M6-2	300A RCPT KEY U Busbar M6 WITH HVL
BMP00V-301-10M6-2	300A RCPT KEY V Busbar M6 WITH HVL
BMP00W-301-10M6-2	300A RCPT KEY W Busbar M6 WITH HVL
BMP00T-301-10M6-2	300A RCPT KEY T Busbar M6 WITH HVL
BMP00X-301-10M8-2	300A RCPT KEY X Busbar M8 WITH HVL
BMP00Y-301-10M8-2	300A RCPT KEY Y Busbar M8 WITH HVL
BMP00U-301-10M8-2	300A RCPT KEY U Busbar M8 WITH HVL
BMP00V-301-10M8-2	300A RCPT KEY V Busbar M8 WITH HVL
BMP00W-301-10M8-2	300A RCPT KEY W Busbar M8 WITH HVL
BMP00T-301-10M8-2	300A RCPT KEY T Busbar M8 WITH HVL
BMP00X-301-10M10-2	300A RCPT KEY X Busbar M10 WITH HVL
BMP00Y-301-10M10-2	300A RCPT KEY Y Busbar M10 WITH HVL
BMP00U-301-10M10-2	300A RCPT KEY U Busbar M10 WITH HVL
BMP00V-301-10M10-2	300A RCPT KEY V Busbar M10 WITH HVL
BMP00W-301-10M10-2	300A RCPT KEY W Busbar M10 WITH HVL
BMP00T-301-10M10-2	300A RCPT KEY T Busbar M10 WITH HVL

P/N	Description
BMP00X-301-10D6-2	300A RCPT KEY X Busbar D6 WITH HVL
BMP00Y-301-10D6-2	300A RCPT KEY Y Busbar D6 WITH HVL
BMP00U-301-10D6-2	300A RCPT KEY U Busbar D6 WITH HVL
BMP00V-301-10D6-2	300A RCPT KEY V Busbar D6 WITH HVL
BMP00W-301-10D6-2	300A RCPT KEY W Busbar D6 WITH HVL
BMP00T-301-10D6-2	300A RCPT KEY T Busbar D6 WITH HVL
BMP00X-301-10D8-2	300A RCPT KEY X Busbar D8 WITH HVL
BMP00Y-301-10D8-2	300A RCPT KEY Y Busbar D8 WITH HVL
BMP00U-301-10D8-2	300A RCPT KEY U Busbar D8 WITH HVL
BMP00V-301-10D8-2	300A RCPT KEY V Busbar D8 WITH HVL
BMP00W-301-10D8-2	300A RCPT KEY W Busbar D8 WITH HVL
BMP00T-301-10D8-2	300A RCPT KEY T Busbar D8 WITH HVL
BMP00X-301-10D10-2	300A RCPT KEY X Busbar D10 WITH HVL
BMP00Y-301-10D10-2	300A RCPT KEY Y Busbar D10 WITH HVL
BMP00U-301-10D10-2	300A RCPT KEY U Busbar D10 WITH HVL
BMP00V-301-10D10-2	300A RCPT KEY V Busbar D10 WITH HVL
BMP00W-301-10D10-2	300A RCPT KEY W Busbar D10 WITH HVL
BMP00T-301-10D10-2	300A RCPT KEY T Busbar D10 WITH HVL

P/N	Description
BMP00X-301-10H6-2	300A RCPT KEY X Busbar H6 WITH HVL
BMP00Y-301-10H6-2	300A RCPT KEY Y Busbar H6 WITH HVL
BMP00U-301-10H6-2	300A RCPT KEY U Busbar H6 WITH HVL
BMP00V-301-10H6-2	300A RCPT KEY V Busbar H6 WITH HVL
BMP00W-301-10H6-2	300A RCPT KEY W Busbar H6 WITH HVL
BMP00T-301-10H6-2	300A RCPT KEY T Busbar H6 WITH HVL
BMP00X-301-10H8-2	300A RCPT KEY X Busbar H8 WITH HVL
BMP00Y-301-10H8-2	300A RCPT KEY Y Busbar H8 WITH HVL
BMP00U-301-10H8-2	300A RCPT KEY U Busbar H8 WITH HVL
BMP00V-301-10H8-2	300A RCPT KEY V Busbar H8 WITH HVL
BMP00W-301-10H8-2	300A RCPT KEY W Busbar H8 WITH HVL
BMP00T-301-10H8-2	300A RCPT KEY T Busbar H8 WITH HVL
BMP00X-301-10H10-2	300A RCPT KEY X Busbar H10 WITH HVL
BMP00Y-301-10H10-2	300A RCPT KEY Y Busbar H10 WITH HVL
BMP00U-301-10H10-2	300A RCPT KEY U Busbar H10 WITH HVL
BMP00V-301-10H10-2	300A RCPT KEY V Busbar H10 WITH HVL
BMP00W-301-10H10-2	300A RCPT KEY W Busbar H10 WITH HVL
BMP00T-301-10H10-2	300A RCPT KEY T Busbar H10 WITH HVL

Receptacle Without HVL:

P/N	Description
BMP00X-300-10M6-2	300A RCPT KEY X Busbar M6
BMP00Y-300-10M6-2	300A RCPT KEY Y Busbar M6
BMP00U-300-10M6-2	300A RCPT KEY U Busbar M6
BMP00V-300-10M6-2	300A RCPT KEY V Busbar M6
BMP00W-300-10M6-2	300A RCPT KEY W Busbar M6
BMP00T-300-10M6-2	300A RCPT KEY T Busbar M6
BMP00X-300-10M8-2	300A RCPT KEY X Busbar M8
BMP00Y-300-10M8-2	300A RCPT KEY Y Busbar M8
BMP00U-300-10M8-2	300A RCPT KEY U Busbar M8
BMP00V-300-10M8-2	300A RCPT KEY V Busbar M8
BMP00W-300-10M8-2	300A RCPT KEY W Busbar M8
BMP00T-300-10M8-2	300A RCPT KEY T Busbar M8
BMP00X-300-10M10-2	300A RCPT KEY X Busbar M10
BMP00Y-300-10M10-2	300A RCPT KEY Y Busbar M10
BMP00U-300-10M10-2	300A RCPT KEY U Busbar M10
BMP00V-300-10M10-2	300A RCPT KEY V Busbar M10
BMP00W-300-10M10-2	300A RCPT KEY W Busbar M10
BMP00T-300-10M10-2	300A RCPT KEY T Busbar M10

P/N	Description
BMP00X-300-10D6-2	300A RCPT KEY X Busbar D6
BMP00Y-300-10D6-2	300A RCPT KEY Y Busbar D6
BMP00U-300-10D6-2	300A RCPT KEY U Busbar D6
BMP00V-300-10D6-2	300A RCPT KEY V Busbar D6
BMP00W-300-10D6-2	300A RCPT KEY W Busbar D6
BMP00T-300-10D6-2	300A RCPT KEY T Busbar D6
BMP00X-300-10D8-2	300A RCPT KEY X Busbar D8
BMP00Y-300-10D8-2	300A RCPT KEY Y Busbar D8
BMP00U-300-10D8-2	300A RCPT KEY U Busbar D8
BMP00V-300-10D8-2	300A RCPT KEY V Busbar D8
BMP00W-300-10D8-2	300A RCPT KEY W Busbar D8
BMP00T-300-10D8-2	300A RCPT KEY T Busbar D8
BMP00X-300-10D10-2	300A RCPT KEY X Busbar D10
BMP00Y-300-10D10-2	300A RCPT KEY Y Busbar D10
BMP00U-300-10D10-2	300A RCPT KEY U Busbar D10
BMP00V-300-10D10-2	300A RCPT KEY V Busbar D10
BMP00W-300-10D10-2	300A RCPT KEY W Busbar D10
BMP00T-300-10D10-2	300A RCPT KEY T Busbar D10

P/N	Description
BMP00X-300-10H6-2	300A RCPT KEY X Busbar H6
BMP00Y-300-10H6-2	300A RCPT KEY Y Busbar H6
BMP00U-300-10H6-2	300A RCPT KEY U Busbar H6
BMP00V-300-10H6-2	300A RCPT KEY V Busbar H6
BMP00W-300-10H6-2	300A RCPT KEY W Busbar H6
BMP00T-300-10H6-2	300A RCPT KEY T Busbar H6
BMP00X-300-10H8-2	300A RCPT KEY X Busbar H8
BMP00Y-300-10H8-2	300A RCPT KEY Y Busbar H8
BMP00U-300-10H8-2	300A RCPT KEY U Busbar H8
BMP00V-300-10H8-2	300A RCPT KEY V Busbar H8
BMP00W-300-10H8-2	300A RCPT KEY W Busbar H8
BMP00T-300-10H8-2	300A RCPT KEY T Busbar H8
BMP00X-300-10H10-2	300A RCPT KEY X Busbar H10
BMP00Y-300-10H10-2	300A RCPT KEY Y Busbar H10
BMP00U-300-10H10-2	300A RCPT KEY U Busbar H10
BMP00V-300-10H10-2	300A RCPT KEY V Busbar H10
BMP00W-300-10H10-2	300A RCPT KEY W Busbar H10
BMP00T-300-10H10-2	300A RCPT KEY T Busbar H10

BALE		Sichuan Bale Electrical Equipment Co. Ltd			
		WEIGHT	MATERIAL: /		
SIGNATURE		DATE	SHEET	No tolerance(mm):	
DRAWN	W.F.S		2/2	X.: ±1.0	CUST P/N: SEE TABLE
CHECKED	MD		ANGLE OF VIEW	X...: ±0.5	
APPROVAL	MD			X...: ±0.2	
			Angle: ±2°	DWG NO.: BMP00-301-10-2	