DATA SHEET

battery fuse protection



enwitec-Article-No.	10015453
Customer-Article-No.	
Matchcode	Bat Breaker-BYD_LVLPR-9xAcc-3xCharg_KS
Application	Battery fuse "Bat Breaker – BYD Premium LVL" for the PV energy storage system with battery charger / inverter
Number and type of battery charger / inverter: Number and type of energy storage: General note:	Max. 3 Sunny Island Max. 9x BYD Premium LVL If a different battery charger / inverter is to be used, the suitability of the circuit breaker used (nominal value, tripping characteristic) must be checked by BYD Cable lugs are not included

Min. Distances:

Up and down min. :

300 mm

Left and right min .:

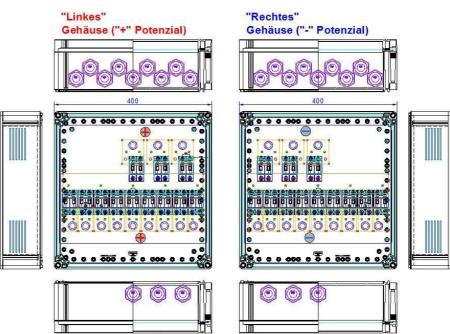
200 mm

After Front min.:

800 mm

Cable clamping:

Must be done on site!



Delivery			
designation	Article-No.	Piece	comments
Pflitsch cable gland M32x1,5	10011807	24	
Locknut M32x1,5	10000724	24	
Twisting Sleeve M32 x 1.5	10008835	4	

DATA SHEET

battery fuse protection TECHNICAL SPECIFICATIONS



Rated voltage	[VDC]	[VDC] 60					
Rated current	[A]	Compatible with BYD					
Rated current circuit breaker for charge	er [A]	250 A per potential					
Tripping characteristic Circuit breaker fo	or charger	DC – "long delay"					
Rated current circuit breaker for Akk	[A]	250 A per Potential					
Release characteristic circuit breaker fo	r battery	DC – "long delay"					
Switchable max. Short circuit current	[kA]	10)				
Connection of the batteries (out	Connection of the batteries (outgoing to the bottom)						
Number of possible batteries (parallel)		9					
Cable entries							
Cable Glands (EN 62444)		M3	32				
Clamming area (from-to)	[Ømm]	15 -	25				
Connectors							
Conductor Material		Cı	ı				
"+" Potential / "-" Potential		+PLUS	-MINUS				
Screws for cable lugs		9x M10	9x M10				
Type of cable lug		narrow tub	e cable lug				
Torque	[Nm]	23 –	· 28				
max. conductor cross section	[mm²]	70)				
Cable length maximum	[m]	3m (on d	emand)				
Feeder terminals	[mm²]	-	-				
Stripping length	[mm]	-	-				
Conductor crossection	[mm²]	-	-				
Conductor length max.	[m]	-	-				
Torque	[Nm]	-	-				
Output (to the loader outlet dov	<u>vn)</u>						
Number of Battery Charger/Inverter		3 Sunny	/ Island				
Cable entries							
Cable Gland (EN 50262)		M3	32				
Clamming area (from-to)	[Ømm]	15 -	· 25				
Connectors							
Conductor material		Cı	J				
"+" Potential / "-" Potential		+PLUS	-MINUS				
Screws for cable lugs		3x M10	3x M10				
Type of cable lug		narrow tub	e cable lug				
Torque	[Nm]	23 –	· 28				
max. conductor cross section	[mm²]	Max	. 95				
Cable length maximum	[m]	3m (On c	lemand)				
Feeder terminals	[mm²]	-	-				
Stripping length	[mm]	-	-				
Conductor crossection	[mm²]	-	-				
Conductor length max.	[m]	-	-				
Torque	[Nm]	-	-				

Number of housings fo	r 1 unit	2
Dimensions (WxHxD)	[mm]	400x400x132 (without cable glands)
Weight	[kg]	approx. 19
Operating temperature	0+45	
Temperature - Transpo Storage	rtation / [°C]	-25+55 (24 hours 70°C)
Humidity-condensing a	-	
Humidity - permissible	85	
Max. Installation altitud [M]	de above N.N.	2000
Protection class IP	(EN 60529)	31
Outdoor suitability	•/-	-
Type of installation		protected against vertically dripping water
Protected area: no effects on the installed		
Protection class	(EN 61140)	II
housing material		Polycarbonate
RoHS- conformity	(2011/65/EU)	•
housing color		Lower part similar to RAL7035
Cover		transparent
Mounting		wall mounting
Lock Type		
/ [Screw lock
<u>Miscellaneous</u>		Screw lock
• •		Screw lock 85371098
Miscellaneous Customs number		85371098
<u>Miscellaneous</u>		20.21.320.
Miscellaneous Customs number		85371098