

DATA SHEET

battery fuse protection 48VDC

with magnetic-hydraulic circuit breakers

enwitec-Article-No.	10011033
Customer-Article-No.	
Designation	BAT BREAKER -SLIM 200-
Application	Protection against overcurrent and short circuit for stationary or mobile battery storage of various technologies (lead, lithium, ...) and their cabling
Number of battery charger/inverter:	1
Number energy storage:	Max. 2
General note:	<ul style="list-style-type: none"> - Please note the maximum switchable short-circuit current of 10kA! High short-circuit currents must be expected, especially with lead battery storage systems! (Note: enwitec can provide an Excel tool here - on request!) - Tripping characteristic: "DC Long Delay" - see general installation manual

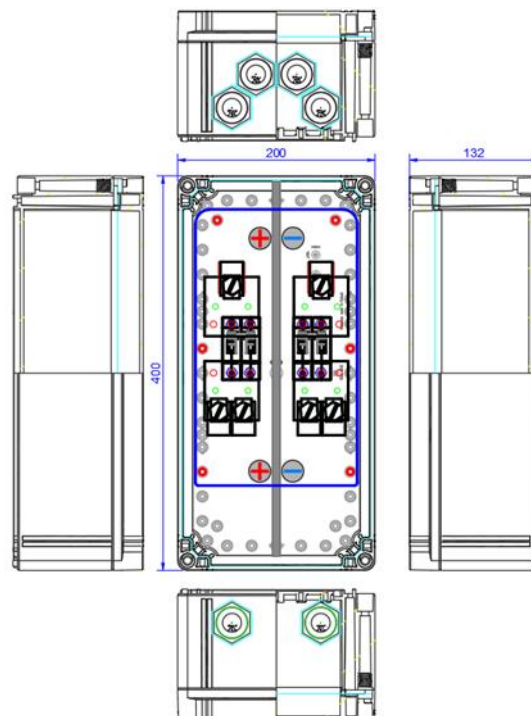
Min. Distances:

Up and down min. :
300 mm

Left and right min. :
200 mm

To Front min.:
800 mm

Cable clamping:
Must be done on site!



Scope of delivery			
Designation	Article-No.	Piece	Comment
General installation manual	10015558	1	
Cable gland M32x1.5	10000739	6	
Locknut M32x1.5	10000724	6	
Twisting Sleeve M32x1.5	10008835	2	
Mounting bracket set	10007141	1	

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TECHNICAL SPECIFICATIONS

- applicable / - not applicable

Rated voltage	[VDC]	75
Rated current circuit breaker	[A]	200 A per potential
Continuous operating current	[A]	160 A per potential
Max. operating current for 30 minutes	[A]	180 A per potential
Tripping characteristic circuit breaker		„DC long delay“
Switchable max. short circuit current	[kA]	10

Connection of the batteries (outlet at the bottom)

Number of possible batteries (parallel)		2
Cable entries		
Cable glands (EN 62444)		M32
Clamping range (from-to)	[Ømm]	13 - 21
Connectors		
Conductor Material		Cu
"+" Potential / "-" Potential		+PLUS -MINUS
Feeder terminals (no ferrules necessary for connection)	[mm ²]	16 - 120
Stripping length (depending on the ferrule)	[mm]	Approx. 25
Torque (+/-10%)	[Nm]	22

Connection of the battery chargers/inverters (outlet at the top)

Number of battery chargers/Inverters		1
Cable entries		
Cable glands (EN 62444)		M32
Clamping range (from-to)	[Ømm]	13 - 21
Connectors		
Conductor material		Cu
"+" Potential / "-" Potential		+PLUS -MINUS
Feeder terminals (no ferrules necessary for connection)	[mm ²]	16 - 120
Stripping length	[mm]	Approx. 25
Torque (+/-10%)	[Nm]	22

General informations

Number of cabinets for 1 unit		1
Dimensions (WxHxD) (without cable glands)	[mm]	200x400x132
Weight	[kg]	Approx. 3.5
Operating temperature range	[°C]	-25...+45
Temperature - Transport/Storage	[°C]	-25...+55 (24 hours 70°C)
Humidity - condensing allowed	• / -	-
Humidity - permissible range	[%]	5...95
Max. Installation altitude above N.N.	[M]	2000
Protection class IP (EN 60529)		65
Outdoor suitability (protected area)	•/-	-
Protection class (EN 61140)		II
Cabinet material		Polycarbonate
RoHS-conformity (2011/65/EU)		•
Cabinet color		Lower part similar to RAL7035
Cover		Transparent
Mounting		Wall mounting
Locking system		Screw lock
<u>Miscellaneous</u>		
Customs number		85371098
<u>Spare Parts</u>		
		Article-No.