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Control Units

BRECON Frequency Converters

IP54



Part numbers	Secondary				Primary		Weight [kg]	Dimensions H x B x T [mm]
	Power output with 250V / 200Hz [kVA]	Voltage at 200 Hz 3~ [V]	Con- tinous current [A]	Peak current (60 s) [A]	Voltage at 50/60 HZ 3~ [V]	Current [A]		
EW 578 / 4,0 E5	4,0	250	9,0	13,5	400	14,0	35	500 x 500 x 210
EW 578 / 5,5 E5	5,5	250	13,0	19,5	400	13,0	35	500 x 500 x 300
EW 578 / 7,5 E5	7,5	250	16,5	24,5	400	15,4	60	500 x 700 x 250
EW 578 / 11 E5	11,0	250	25,0	34,5	400	23,0	50	760 x 760 x 300
EW 578 / 14 E5	15,0	250	32,0	48,0	400	27,4	85	760 x 760 x 300
EW 578 / 18 E5	18,5	250	40,0	60,0	400	34,0	75	760 x 760 x 300
EW 578 / 20 E5	22,0	250	46,0	69,0	400	40,0	85	760 x 760 x 300
EW 578 / 28 E5	30,0	250	60,0	90,0	400	52,0	80	600 x 1000 x 400
EW 578 / 34 E5	34,0	250	75,0	112,5	400	66,0	100	1000 x 800 x 400

Frequency Converters with higher output power available on request

Electronically adjustable digital frequency converter, in modular design, high pulse frequency, sinusoidal output current, digital frequency indicator for stepless frequency changing for HF external vibrators, automatic current limiting, short circuit proof, filtered ventilation, secondary motor choke, mounted in steel-sheet cabinet.

BRECON Mobile Frequency Converters

electronic, with integrated distribution panel, IP54



Part Number	frequency converters					Distribution panel		Transport	Weight [Kg]
	Secondary			Primary		Number of motor protection switches	Setting range [A]		
	Power output with 250V / 200Hz [kW]	Continuous current [A]	Peak current (60 s) [A]	Voltage at 50/60HZ 3~ [V]	Current [A]				
EW560/2937*	4,0	9,0	13,5	400	9,3	2 external toggle switch	2,5 - 4,0	handle bar	35
EW560/2877**	7,5	16,5	24,7	400	15,4	4 with function lights	2,5 - 4,0	trolley	48
EW560/2801**	11,0	24,5	36,7	400	23,0	7 with function lights	2,5 - 4,0	trolley	50
EW560/2833**	15,0	30,5	45,7	400	27,4	9 with function lights	2,5 - 4,0	trolley	52
EW560/2834**	18,5	37,0	55,5	400	34,0	11 with function lights	2,5 - 4,0	trolley	60

Electronically adjustable electronic frequency converter, in modular design, high pulse frequency, sinusoidal output current

*Potentiometer for continuous frequency changing **Digital frequency indicator for continuous frequency changing for HF external vibrators, automatic current limiting, short circuit proof, filtered ventilation secondary motor choke, mounted on trolley with solid rubber wheels.

BRECON Frequency Converters

electro-mechanical, 200Hz, IP54

Part number	Secondary			Primary			Weight [kg]
	Energy output cos = 0,8 [kVA]	Voltage [V]	Full load current [A]	Energy input [kVA]	Voltage at 50 HZ 3~ [V]	Full load current [A]	
0 615 118 262	7,5 (9,5)*	250	17,3	11,0	400	16,8	78
0 615 119 262	11 (13,5)*	250	25,3	14,8	400	22,5	96
0 615 114 262	15 (19)*	250	34,6	17,0	400	25,7	166
0 615 116 262	20 (25)*	250	47,0	23,7	400	36,0	190
0 615 117 262	25 (30)*	250	58,0	30,6	400	46,5	230
0 615 115 262	30 (36)*	250	70,0	34,4	400	52,0	240

*Values in parentheses are valid for short-time operation
Other outputs available on request

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Control Units

BRECON Standard Distribution Boxes

permanent installation, IP65



SV12 0304

Part number	On / Off switch with motor protection*	Group switch	Weight [Kg]	Dimensions L x W x H [mm]	Remarks
SV 020004	2	0	10	380 x 380 x 210	Adjustment range of the motor protection switch: 2,5 - 4,0 A
SV 020104	2	1			
SV 030004	3	0	10	380 x 380 x 210	These motor protection switches are also available: 1,6 - 2,5 A 4,0 - 6,3 A 6,3 - 10,0 A 10,0 - 16,0 A
SV 030104	3	1			
SV 040004	4	0	10	380 x 380 x 210	Modular design, steel-sheet cabinet; motor protection switch with tomy switch; connection through large terminal strip
SV 040104	4	1			
SV 050004	5	0	12	380 x 380 x 210	
SV 050104	5	1			
SV 060004	6	0	12,5	380 x 380 x 210	
SV 060104	6	1	13		
SV 060204	6	2	19,5	380 x 380 x 210	
SV 070004	7	0	15		
SV 070204	7	2	17	380 x 380 x 210	
SV 080004	8	0	15,5		
SV 080204	8	2	21	380 x 380 x 210	
SV 090004	9	0	19		
SV 090204	9	2	19,5	600 x 380 x 210	
SV 090304	9	3	22		
SV 100004	10	0	19,5	600 x 380 x 210	
SV 100204	10	2	21		
SV 110204	11	2	22	600 x 380 x 210	
SV 110304	11	3			
SV 120004	12	0	22	600 x 380 x 210	
SV 120204	12	2	23		
SV 120304	12	3	2,5		

*Thermal and short circuit tripping of breakers

Distribution boxes with additional On / Off switches and group switch combinations are available.

BRECON Radio Controls



Part number	Equipment	Remarks	Dimensions [mm]	Weight [Kg]
EW 560 / 3078	2 channels, 2 transmitters, 1 receiver	Transmitter frequency: 434 MHz Transmitter energy: $1 \times 10^{-3} \text{W}$	Transmitter: 110 x 75 x 25	0,15
EW 560 / 3079	3 channels, 2 transmitters, 1 receiver	Supply voltage: • transmitter: 3 x 1,5V battery • receiver: 230V / 50Hz	Receiver: 120 x 115 x 50	0,90
EW 560 / 3080	4 channels, 2 transmitters, 1 receivers	Output receiver: Potential-free relay contact per channel; breaking capacity 230V / 5A		
Inquire for part number	up to 8 channels			

BRECON Large Display Indicators



EW560 / 2189










Part number	Remark
EW 560 / 2188	1-field indicator, 3 characters, LED (red), non -reflective, adjustable display
EW 560 / 2189	2-field indicator, 3 characters, LED (red), non -reflective, adjustable display

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Control Units

BRECON CEE Plug Connections

for frequencies of 100-300 Hz, DIN 49 462/63 and DIN 49 465

Part number	Voltage [V]	Load capacity [A]	Identification	Pictures (pictures show 250 V-versions)
1 614 482 048	250	16	HF plug 3P + 10h, green	
1 614 482 049	250	32		
1 614 482 050	42	32	HF plug 3P 4h, green	
1 614 482 062	42	63		
1 614 484 010	250	16	HF coupler socket 3P + 10h, green	
1 614 484 011	250	32		
1 614 484 012	42	32	HF coupler socket 3P 4h, green	
1 614 484 016	42	63		
1 614 485 024	250	16	HF wall socket 3P + 10h, green	
1 614 485 025	250	32		
1 614 485 026	42	32	HF wall socket 3P 4h, green	
1 614 485 035	42	63		
1 614 485 031	250	16	HF socket f. ext. mounting 3P + 10h, green	
1 614 485 032	250	32		
1 614 485 033	42	32	HF socket f. ext. mounting 3P 4h, green	
1 614 485 034	42	63		
1 614 482 056	250	32	HF attachment plug 3P + 10h, green	

More models available on request

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