



## AC Motor Drives Brake Resistors&Units

Power	VFD-S		VFD-EL	VFD-E	VFD-M	VFD-F	VFD-B	VFD-V	VFD-VE	Brake unit	Brake resistor	Power
	without filter	with filter	with filter	with filter	without filter	without filter	without filter	without filter	without filter			

### 230V 1-phase

0.2kW	VFD002S21A	VFD002S21E	VFD002EL21A	VFD002E21T VFD002E21A VFD002E21P								
	VFD004S21A	VFD004S21E	VFD004EL21A	VFD004E21T VFD004E21A VFD004E21P	VFD004M21B							
	VFD007S21A	VFD007S21E	VFD007EL21A	VFD007E21T VFD007E21A VFD007E21P	VFD007M21B		VFD007B21A					
0.4kW												
0.75kW	VFD015S21D	VFD015S21E	VFD015EL21A	VFD015E21A	VFD015M21B		VFD015B21A					
	VFD022S21D	VFD022S21E	VFD015EL21A		VFD022M21A							
1.5kW												
2.2kW												
				VFD022E21A			VFD022B21A					

BUE20015
BUE20015
BUE20015
BUE20037

### 230V 1-phase

BR080W200	0.2kW
BR200W250	0.4kW
BR080W200	0.75kW
BR200W250	1.5kW
BR300W100	2.2kW

### 400V 3-phase

0.4kW	VFD004S43E		VFD004EL43A	VFD004E43A VFD004E43P VFD004E43T								
	VFD007S43E		VFD007EL43A	VFD007E43A VFD007E43P VFD007E43T	VFD007M43B	VFD007F43A	VFD007B43A	VFD007V43A	VFD007V43A-2			
	VFD015S43E		VFD015EL43A	VFD015E43A VFD015E43P VFD015E43T	VFD015M43B	VFD015F43A	VFD015B43A	VFD015V43A	VFD015V43A-2			
0.75kW												
1.5kW	VFD022S43E		VFD022EL43A	VFD022E43A	VFD022M43B	VFD022F43A	VFD022B43B	VFD022V43A	VFD022V43A-2			
2.2kW												
3.7kW			VFD037EL43A	VFD037E43A	VFD037M43A	VFD037F43A	VFD037B43A	VFD037V43A	VFD037V43A-2			
5.5kW				VFD055E43A	VFD055M43A	VFD055F43B	VFD055B43A	VFD055V43A	VFD055V43A-2			
7.5kW				VFD075E43A	VFD075M43A	VFD075F43B	VFD075B43A	VFD075V43A	VFD075V43A-2			
11kW				VFD110E43A				VFD110V43B	VFD110V43B-2			
15kW						VFD110F43A	VFD110B43A	VFD110V43A	VFD110V43A-2			
18.5kW						VFD150F43A	VFD150B43A	VFD150V43A	VFD150V43A-2			
22kW						VFD185F43A	VFD185B43A	VFD185V43A	VFD185V43A-2			
30kW						VFD220F43A	VFD220B43A	VFD220V43A	VFD220V43A-2			
37kW						VFD300F43A	VFD300B43A	VFD300V43A	VFD300V43A-2			
45kW						VFD370F43A	VFD370B43A	VFD370V43A	VFD370V43A-2			
55kW						VFD450F43A	VFD450B43A	VFD450V43A	VFD450V43A-2			
75kW						VFD550F43A	VFD550B43A	VFD550V43C	VFD550V43C-2			
90kW						VFD750F43A	VFD750B43A	VFD750V43C	VFD750V43C-2			
110kW						VFD900F43A						
132kW						VFD1100F43A						
160kW						VFD1320F43A						
185kW						VFD1600F43A						
220kW						VFD1850F43A						

BUE40015
BUE40015
BUE40015
BUE40037
BUE40037
BUE40037
VFDB4030
VFDB4030
VFDB4030
VFDB4030
VFDB4045
(2x) VFDB4030
(2x) VFDB4045
VFDB4220
VFDB4220

### 400V 3-phase

BR080W750	0.4kW
BR300W400	0.75kW
BR080W750	1.5kW
BR300W400	2.2kW
BR300W250	3.7kW
BR300W400	5.5kW
BR300W400	7.5kW
BR300W400	11kW
BR300W400	15kW
BR300W400	18.5kW
BR300W400	22kW
BR300W400	30kW
BR300W400	37kW
BR300W400	45kW
BR300W400	55kW
BR300W400	75kW
BR300W400	90kW
BR300W400	110kW
BR300W400	132kW
BR300W400	160kW
BR300W400	185kW
BR300W400	220kW

### 230V 3-phase (BTO)

0.2kW	VFD002S23A		VFD002EL23A	VFD002E23A VFD002E23P VFD002E23T								
	VFD004S23A		VFD004EL23A	VFD004E23A VFD004E23P VFD004E23T	VFD004M23A							
	VFD007S23A		VFD007EL23A	VFD007E23A VFD007E23P VFD007E23T	VFD007M23A	VFD007F23A	VFD007B23A	VFD007V23A	VFD007V23A-2			
0.4kW												
0.75kW	VFD015S23A		VFD015EL23A	VFD015E23A VFD015E23P VFD015E23T	VFD015M23A	VFD015F23A	VFD015B23A	VFD015V23A	VFD015V23A-2			
	VFD022S23A		VFD022EL23A	VFD022E23A	VFD022M23B	VFD022F23A		VFD022V23A	VFD022V23A-2			
1.5kW												
2.2kW												
3.7kW			VFD037EL23A	VFD037E23A	VFD037M23A	VFD037F23A	VFD037B23A	VFD037V23A	VFD037V23A-2			
5.5kW				VFD055E23A	VFD055M23A	VFD055F23A	VFD055B23A	VFD055V23A	VFD055V23A-2			

BUE20015
BUE20015
BUE20015
BUE20037
BUE20037

### 230V 3-phase

BR080W200	0.2kW
BR200W250	0.4kW
BR080W200	0.75kW
BR200W250	1.5kW
BR300W100	2.2kW
BR300W100	3.7kW
BR300W100	5.5kW

## AC Motor Drives Brake Resistors&Units

Power	VFD-S		VFD-EL	VFD-E	VFD-M	VFD-F	VFD-B	VFD-V	VFD-VE	Brake unit	Brake resistor	Power
	without filter	with filter	with filter	with filter	without filter	without filter	without filter	without filter	without filter			
7.5kW				VFD075E23A		VFD075F23A	VFD075B23A	VFD075V23A	VFD075V23A-2		BR1K0W020	7.5kW
11kW						VFD110F23A	VFD110B23A				(2x) BR1K2W6P8	11kW
15kW						VFD150F23A	VFD150B23A	VFD110V23A	VFD110V23A-2	VFDB2015	(2x) BR1K5W005	15kW
18.5kW						VFD185F23A	VFD185B23A	VFD150V23A	VFD150V23A-2		(4x) BR1K2W008	18.5kW
22kW						VFD220F23A	VFD220B23A	VFD185V23A	VFD185V23A-2	VFDB2022	(4x) BR1K2W6P8	22kW
30kW						VFD300F23A	VFD300B23A	VFD220V23A	VFD220V23A-2		(4x) BR1K5W005	30kW
37kW						VFD370F23A	VFD370B23A	VFD300V23A	VFD300V23A-2	(2x) VFDB2015	(8x) BR1K2W008	37kW

### 115V 1-phase (BTO)

Power	VFD-S	VFD-EL	VFD-E	VFD-M	VFD-F	VFD-B	VFD-V	VFD-VE
0.2kW	VFD002S11A			VFD002M11A				
	VFD002S11B		VFD002EL11A					
				VFD002E11A				
0.4kW	VFD004S11A			VFD004M11A				
	VFD004S11B		VFD004EL11A					
				VFD004E11A				
0.75kW	VFD007S11A			VFD007M11A				
	VFD007S11B		VFD007EL11A					
				VFD007E11A				

### 115V 1-phase

Brake unit	Brake resistor	Power
	BR080W200	0.2kW
BUE20015	BR200W250	
	BR080W200	0.4kW
BUE20015	BR300W200	
	BR200W250	0.75kW
	BR080W200	
BUE20015	BR300W100	
	BR200W150	

### 575V 3-phase (BTO)

Power	VFD-S	VFD-EL	VFD-E	VFD-M	VFD-F	VFD-B	VFD-V	VFD-VE
0.75kW				VFD007M53A		VFD007B53A		
1.5kW				VFD015M53A		VFD015B53A		
2.2kW				VFD022M53A		VFD022B53A		
3.7kW				VFD037M53A		VFD037B53A		
5.5kW				VFD055M53A		VFD055B53A		
7.5kW				VFD075M53A		VFD075B53A		
11kW						VFD110B53A		
15kW						VFD150B53A		
18.5kW						VFD185B53A		
22kW						VFD220B53A		
30kW						VFD300B53A		
37kW						VFD370B53A		
45kW						VFD450B53A		
55kW						VFD550B53A		
75kW						VFD750B53A		

### 575V 3-phase

Brake unit	Brake resistor	Power
	BR300W400	0.75kW
	BR300W400	1.5kW
	BR300W250	2.2kW
	BR300W250	
	BR400W150	3.7kW
	BR500W100	
	BR400W150	5.5kW
	BR300W100	
	BR500W100	7.5kW
	BR1K0W075	
	BR500W100	11kW
	BR500W100	15kW
		18.5kW
		22kW
		30kW
		37kW
		45kW
		55kW
		75kW