Table 1-2 in the V7 manual lists the terminals for connecting a braking resistor.

Table 1-2. Main Circuit Terminal Functions and Voltages

TERMINAL	FUNCTION	VOLTAGE / SIGNAL LEVEL
L1 (R) L2 (S) L3 (T)	Main circuit input power supply	230V Drive: 200 / 208 / 220 / 230V at 50/60 Hz 460V Drive: 380 / 400 / 440 / 460 / 480V at 50/60 Hz
T1 (U) T2 (V) T3 (W)	Main circuit output	230V Drive: 0 - 200 / 208 / 220 / 230V 460V Drive: 0 - 400 / 440 / 460 / 480V
B1 B2	For connection of braking resistor (option)	

The Drive has an integral braking transistor. However, to make use of the Dynamic Braking function requires addition of either a Braking Resistor (for 3% duty cycle) or Braking Resistor Unit (for 10% duty cycle).
See table below. In either case, interface to external control circuitry is necessary to ensure that dynamic brake resistor overheating is communicated to the drive as a fault condition.

Table A6-1. Drive DB Components

Model		Size	DB Components				Minimum Connect Resistance (SL)
CIMR-		HP	Braking Resistor - 3% Duty		Braking Resistor - 10% Duty		
V7*U ☐	MV ☐		Part No.	Qty. Reqd.	Part No.	Qty Reqd.	
20P1	A001	1/8	50185531	1	—	—	300
20P2	A002	1/4	50185531	1	—	—	300
20P4	A003	1/2	50185430	1	05P00041-0825	1	200
20P7	A005	3/4&1	50185430	1	05P00041-0825	1	120
21P5	A008	2	50185431	1	05P00041-0827	1	60
22P2	A011	3	50185432	1	05P00041-0827	1	60
23P7	A017	5	50185433	1	05P00041-0828	1	32
25P5	A025	7.5	N/A	—	05P00041-0829	1	
27P5	A033	10	N/A	—	05P00041-0830	1	
40P2	B001	1/2	50185530	1	05P00041-0835	1	750
40P4	B002	3/4	50185530	1	05P00041-0835	1	750
40P7	B003	1&2	50185530	1	05P00041-0835	1	510
41P5	B005	3	50185531	1	05P00041-0837	1	240
42P2	—	3	50185532	1	05P00041-0837	1	200
43P7	B009	5	50185531	2	05P00041-0838	1	100
45P5	B015	7.5&10	N/A	—	05P00041-0840	1	
47P5	B018	10/15[1)]	N/A	—	05P00041-0841	1	

[1] Applicable to the V74X model only

There is other related information on this FAQ, see "Link to related files" below.

Note: Earlier versions of the V7 Drive were named GPD 315/V7, GPD 315 or VS Mini V7.