

dv/dt output filters						
For drives	Maximum length of motor cable		Degree of protection	Nominal current	Unit reference (3)	Weight
	Maximum switching frequency (1)	Shielded cable (2)				
	kHz	m/ft	IP	A	kg/lb	
Three-phase supply voltage: 200...240 V						
ATV630U07M3	4	300/984	20	6	VW3A5301	11.000/ 24.251
ATV630U15M3...U30M3	4	300/984	20	15	VW3A5302	12.000/ 26.455
ATV630U40M3	4	300/984	20	25	VW3A5303	12.000/ 26.455
ATV630U55M3...D11M3	4	300/984	20	50	VW3A5304	18.000/ 39.683
ATV630D15M3...D22M3	4	300/984	20	95	VW3A5305	19.000/ 41.888
ATV630D30M3...D45M3	2.5	300/984	00	180	VW3A5306	22.000/ 48.502
ATV630D55M3...D75M3	2.5	300/984	00	305	VW3A5307	40.000/ 88.185
Three-phase supply voltage: 380...480 V						
ATV630U07N4...U22N4 ATV650U07N4...U22N4 ATV650U07N4E...U22N4E	4	300/984	20	6	VW3A5301	11.000/ 24.251
ATV630U30N4...U55N4 ATV650U30N4...U55N4 ATV650U30N4E...U55N4E	4	300/984	20	15	VW3A5302	12.000/ 26.455
ATV630U75N4...D11N4 ATV650U75N4...D11N4 ATV650U75N4E...D11N4E	4	300/984	20	25	VW3A5303	12.000/ 26.455
ATV630D15N4...D22N4 ATV650D15N4...D22N4 ATV650D15N4E...D22N4E	4	300/984	20	50	VW3A5304	18.000/ 39.683
ATV630D30N4...D45N4 ATV650D30N4...D45N4 ATV650D30N4E...D45N4E	4	300/984	20	95	VW3A5305	19.000/ 41.888
ATV630D55N4...D90N4 ATV650D55N4...D90N4 ATV650D55N4E...D90N4E	2.5	300/984	00	180	VW3A5306	22.000/ 48.502
ATV630C11N4...C16N4	2.5	300/984	00	305	VW3A5307	40.000/ 88.185

(1) The filters are designed to operate in a switching frequency range of between 2 and 8 kHz.

(2) Values given depend on the nominal switching frequency of the drive. This frequency depends on the drive rating. These cable lengths are given as examples only as they can vary depending on the application. They correspond to motors conforming to IEC 6034-25 and NEMA MG1/31.2006.

(3) When used with **ATV650U07/N4E...D90/N4E** drives, the filter must be mounted in a separate enclosure to maintain IP 55 protection for the installation.

IP 21 protection kits			
Description	For dv/dt filters	Reference	Weight kg/lb
Mechanical kit including cover and cable clamps	VW3A5301 VW3A5302 VW3A5303	VW3A53902	1.300/ 2.867
	VW3A5304	VW3A53903	1.700/ 3.748
	VW3A5305	VW3A53904	2.700/ 5.952