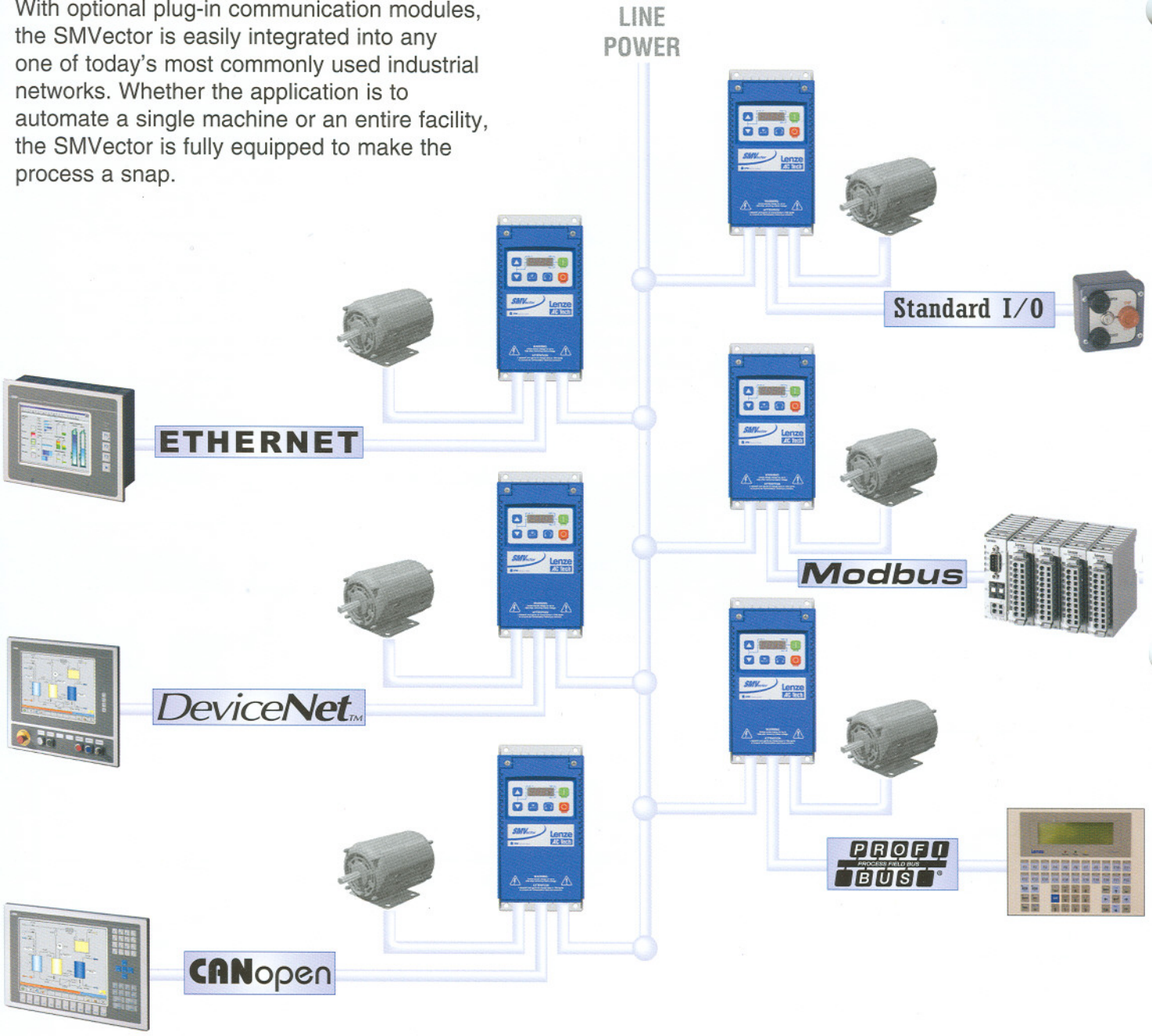


SMVector | Connectivity

With optional plug-in communication modules, the SMVector is easily integrated into any one of today's most commonly used industrial networks. Whether the application is to automate a single machine or an entire facility, the SMVector is fully equipped to make the process a snap.



NOTE: Communication options are available in NEMA 1 (IP31), NEMA 4X (IP65) and NEMA 12 (IP54) models



Communication Module

Setting up a drive in a network has never been so simple. Order the SMVector factory direct with the communication module preinstalled. Or if the SMVector is already installed it can be easily upgraded in the field. Simply snap the communication module into the terminal cover and the drive is ready to connect to the network.



120/240V - 1Ø Input (3Ø Output)

Model Number	Output Current I_o [A]	Power		Size		
		Hp	kW	NEMA 1 IP31	NEMA 4X IP65	NEMA 12 IP54
ESV251N01SX*	1.7	0.33	0.25	G1		
ESV371N01SX*	2.4	0.5	0.37	G1	R1	
ESV751N01SX*	4.2	1	0.75	G1	R1	

Notes: Output voltage will be twice line voltage when connected to a 120V source.
Output voltage will not exceed line voltage when connected to a 240V source.

200/240V - 1 or 3Ø Input (3Ø Output)

Model Number	Output Current I_o [A]	Power		Size		
		Hp	kW	NEMA 1 IP31	NEMA 4X IP65	NEMA 12 IP54
ESV251N02SX* (1)	1.7	0.33	0.25	G1		
ESV371N02YX*	2.4	0.5	0.37	G1	R1	
ESV751N02YX*	4.2	1	0.75	G1	R1	
ESV112N02YX*	6.0	1.5	1.1	G2	R2	
ESV152N02YX*	7.0	2	1.5	G2	R2	
ESV222N02YX*	9.6	3	2.2	G2	R3	

(1) The model ESV251N02SXB is 1Ø input only. For 3Ø INPUT use the ESV371N02YXB

200/240V - 3Ø Input (3Ø Output)

Model Number	Output Current I_o [A]	Power		Size		
		Hp	kW	NEMA 1 IP31	NEMA 4X IP65	NEMA 12 IP54
ESV112N02TX*	6.0	1.5	1.1	G2	R2	
ESV152N02TX*	7.0	2	1.5	G2	R2	
ESV222N02TX*	9.6	3	2.2	G2	R3	
ESV402N02TX*	16.5	5	4.0	G3	S1	
ESV552N02TX*	23	7.5	5.5	H1		S2
ESV752N02TX*	29	10	7.5	H1		S2
ESV113N02TX*	42	15	11.0	J1		
ESV153N02TX*	54	20	15.0	J1		

400/480V - 3Ø Input (3Ø Output)

Model Number	Output Current I_o [A]	Power		Size		
		Hp	kW	NEMA 1 IP31	NEMA 4X IP65	NEMA 12 IP54
ESV371N04TX*	1.3/1.1	0.5	0.37	G1	R1	
ESV751N04TX*	2.4/2.1	1	0.75	G1	R1	
ESV112N04TX*	3.5/3.0	1.5	1.1	G2	R2	
ESV152N04TX*	4.0/3.5	2	1.5	G2	R2	
ESV222N04TX*	5.5/4.8	3	2.2	G2	R3	
ESV402N04TX*	9.4/8.2	5	4.0	G3	S1	
ESV552N04TX*	12.6/11	7.5	5.5	H1		S2
ESV752N04TX*	16.1/14	10	7.5	H1		S2
ESV113N04TX*	24/21	15	11.0	J1		
ESV153N04TX*	31/27	20	15.0	J1		
ESV183N04TX*	39/34	25	18.5	J1		

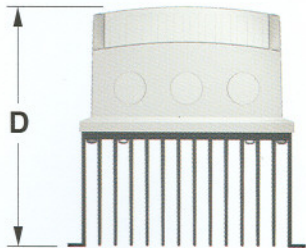
480/600V - 3Ø Input (3Ø Output)

Model Number	Output Current I_o [A]	Power		Size		
		Hp	kW	NEMA 1 IP31	NEMA 4X IP65	NEMA 12 IP54
ESV751N06TX*	1.7	1	0.75	G1	R1	
ESV152N06TX*	2.7	2	1.5	G2	R2	
ESV222N06TX*	3.9	3	2.2	G2	R3	
ESV402N06TX*	6.1	5	4.0	G3	S1	
ESV552N06TX*	9	7.5	5.5	H1		S2
ESV752N06TX*	11	10	7.5	H1		S2
ESV113N06TX*	17	15	11.0	J1		
ESV153N06TX*	22	20	15.0	J1		
ESV183N06TX*	27	25	18.5	J1		

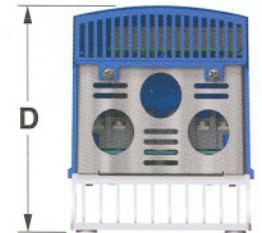
Dimensions

	H		W		D	
	in.	mm	in.	mm	in.	mm
G1	7.50	191	3.90	99	4.35	110
G2	7.50	191	3.90	99	5.45	138
G3	7.50	191	3.90	99	5.80	147
H1	9.83	250	5.12	130	6.30	160
J1	12.33	313	6.88	175	8.08	205
R1	8.00	203	6.28	160	4.47	114
R2	8.00	203	6.28	160	6.27	159
R3	8.00	203	7.38	187	6.77	172
S1	10.00	254	8.96	228	7.97	202
S2	10.00	254	8.04	204	7.97	202

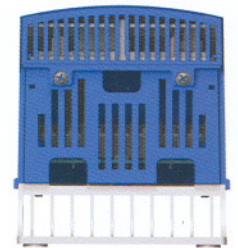
SMV NEMA 4X (IP65)



SMV NEMA 1 (IP31)



Bottom Entry with NEMA 1 Steel Conduit Plate



Bottom Entry with IP31 Finger Guard

* NOTE: For complete part number, replace "*" with B, C, or D.

- B = NEMA 1 (IP31)
- C = NEMA 4X (IP65)
- D = NEMA 12 (IP54)