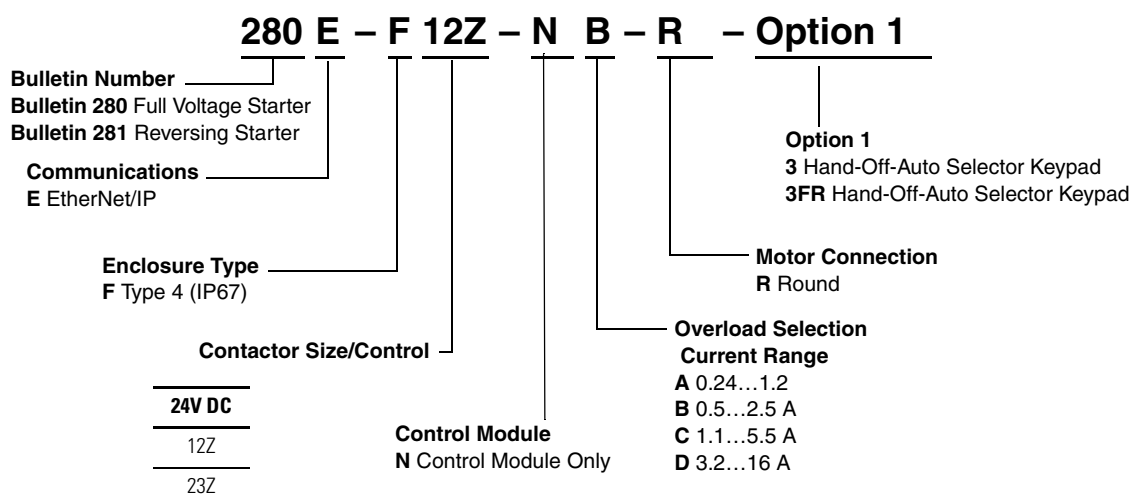


Renewal Parts

Figure 100 - Bulletin 280/281 Control Module Renewal Part Catalog Structure



Control Module Renewal Part Product Selection

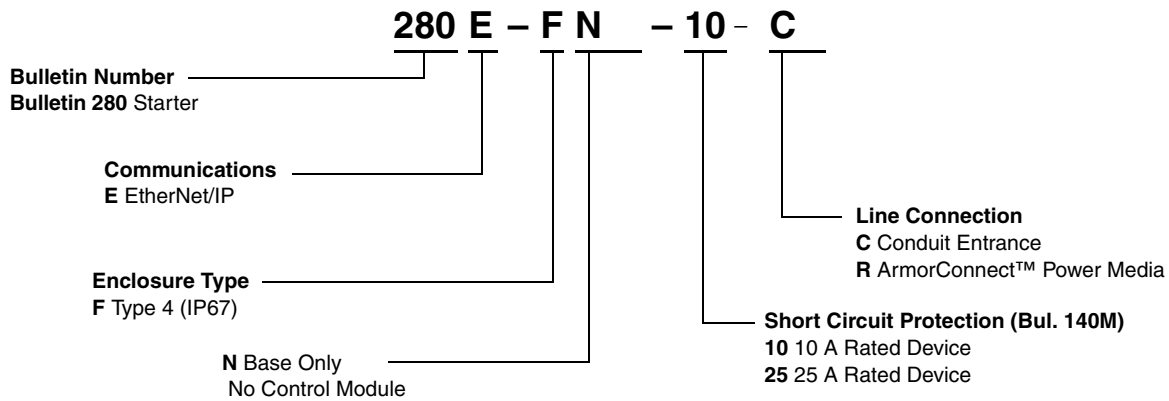
Table 36 - Full Voltage Starters – IP67/NEMA Type 4

Current Rating (A)	kW		Hp				Cat. No.
	230V AC 50 Hz	400V AC 50 Hz	200V AC 60 Hz	230V AC 60 Hz	460V AC 60 Hz	575V AC 60 Hz	24V DC
0.24...1.2	0.18	0.37	—	—	0.5	0.5	280E-F12Z-NA-R
0.5...2.5	0.37	0.75	0.5	0.5	1	1.5	280E-F12Z-NB-R
1.1...5.5	1.1	2.2	1	1	3	3	280E-F12Z-NC-R
3.2...16	4	7.5	3	5	10	10	280E-F23Z-ND-R

Table 37 - Reversing Starters – IP67/NEMA Type 4

Current Rating (A)	kW		Hp				Cat. No.
	230V AC 50 Hz	400V AC 50 Hz	200V AC 60 Hz	230V AC 60 Hz	460V AC 60 Hz	575V AC 60 Hz	24V DC
0.24...1.2	0.18	0.37	—	—	0.5	0.5	281E-F12Z-NA-R
0.5...2.5	0.37	0.75	0.5	0.5	1	1.5	281E-F12Z-NB-R
1.1...5.5	1.1	2.2	1	1	3	3	281E-F12Z-NC-R
3.2...16	4	7.5	3	5	10	10	281E-F23Z-ND-R

Figure 101 - Bulletin 280 Base Module Renewal Part Catalog Structure



Base Module Renewal Part Product Selection

Table 38 - Bulletin 280 Full Voltage Starters and Bulletin 281 Reversing Starters – IP67/NEMA Type 4

Current Rating (A)	kW		Hp				Cat. No.
	230V AC 50 Hz	400V AC 50 Hz	200V AC 60 Hz	230V AC 60 Hz	460V AC 60 Hz	575V AC 60 Hz	
0.24...1.2	0.18	0.37	—	—	0.5	0.5	280E-FN-10-C
0.5...2.5	0.37	0.75	0.5	0.5	1	1.5	280E-FN-10-C
1.1...5.5	1.1	2.2	1	1	3	3	280E-FN-10-C
3.2...16	4	7.5	3	5	10	10	280E-FN-25-C

Table 39 - Bulletin 280 Full Voltage Starters and Bulletin 281 Reversing Starters – IP67/NEMA Type 4, with ArmorConnect Connectivity

Current Rating (A)	kW		Hp				Cat. No.
	230V AC 50 Hz	400V AC 50 Hz	200V AC 60 Hz	230V AC 60 Hz	460V AC 60 Hz	575V AC 60 Hz	
0.24...1.2	0.18	0.37	—	—	0.5	0.5	280E-FN-10-R
0.5...2.5	0.37	0.75	0.5	0.5	1	1.5	280E-FN-10-R
1.1...5.5	1.1	2.2	1	1	3	3	280E-FN-10-R
3.2...16	4	7.5	3	5	10	10	280E-FN-25-R

Table 40 - Internal Fuses

Description	Current Rating	Cat. No.
Control Voltage Fuse	7 A	W25172-260-17
Output Fuse	2.5 A	W25176-155-03
Source Brake Fuse	3.0 A	W25172-260-12

Table 41 - Motor Cables

Description		Cable Rating	Length m (ft)	Cat. No.
Motor Cable Cordsets	90° M22 Motor Cordset	IP67/NEMA Type 4	3 (9.8)	280-MTR22-M3
			6 (19.6)	280-MTR22-M6
			10 (32.8)	280-MTR22-M10
			14 (45.9)	280-MTR22-M14
			20 (65.6)	280-MTR22-M20
	90° M35 Motor Cordset	IP67/NEMA Type 4	3 (9.8)	280-MTR35-M3
			6 (19.6)	280-MTR35-M6
			10 (32.8)	280-MTR35-M10
			14 (45.9)	280-MTR35-M14
			20 (65.6)	280-MTR35-M20
Motor Cable Cordsets, High Flex	90° M22 Motor Cordset	IP67/NEMA Type 4	3 (9.8)	280-MTRF22-M3
			6 (19.6)	280-MTRF22-M6
			8 (26.2)	280-MTRF22-M8
			10 (32.8)	280-MTRF22-M10
			14 (45.9)	280-MTRF22-M14
			20 (65.6)	280-MTRF22-M20

Table 41 - Motor Cables

Motor Cable Patchcords	90° Male/Straight Female M22	IP67/NEMA Type 4	1 (3.3)	280-MTR22-M1D
			3 (9.8)	280-MTR22-M3D
	90° Male/Straight Female M35	IP67/NEMA Type 4	1 (3.3)	280-MTR35-M1D
			3 (9.8)	280-MTR35-M3D