

Fractional Horsepower Manual Starters with Melting Alloy Type Thermal Overload Relay

Table 16.1: Single-Unit Types—Class 2510—Rated 16 A—Thermal Units (see Thermal Unit Selection, page 16-132)

Type of Operator	No. of Poles	Features	NEMA 1 General Purpose Enclosure Surface Mounting		General Purpose Flush Mounting (Without Pull Box)			NEMA Type 4 [1] Enclosure Watertight and Dusttight	NEMA Types 3R, 7 & 9 Enclosure Hazardous Locations Div. 1 & 2 Class I Groups B, C, & D, & Class II Groups E, F, & G	Open Type	Number of Thermal Units Required
			Standard	Oversized	Gray Flush Plate	Standard Stainless Steel Flush Plate	Jumbo Stainless Steel Flush Plate				
			Type	Type	Type	Type	Type				
Basic Starter—Class 2510											
Toggle	1	Standard	FG1	FGJ1	FF1	FS1	—	—	—	FO1	1
		With Red Pilot Light [2]	FG1P	FGJ1P	FF1P	FS1P	FSJ1P	—	—	FO1P	1
	2	Standard	FG2	FGJ2	FF2	FS2	—	—	—	FO2	1
		With Red Pilot Light [2]	FG2P	FGJ2P	FF2P	FS2P	FSJ2P	—	—	FO2P	1
Key	1	Standard	FG3	FGJ3	FF3	FS3	—	—	—	FO3	1
		With Red Pilot Light [2]	FG3P	FGJ3P	FF3P	FS3P	FSJ3P	—	—	FO3P	1
	2	Standard	FG4	FGJ4	FF4	FS4	—	—	—	FO4	1
		With Red Pilot Light [2]	FG4P	FGJ4P	FF4P	FS4P	FSJ4P	—	—	FO4P	1
Starter with Handle Guard/Lock-Off—Class 2510											
Toggle	1	Standard	FG5	FGJ5	Order basic starter plus separate handle guard kit.			FW1	FR1	[3] [4]	1
		With Red Pilot Light [2]	FG5P	FGJ5P				FW1P	—	[3] [4]	1
	2	Standard	FG6	FGJ6				FW2	FR2	[3] [4]	1
		With Red Pilot Light [2]	FG6P	FGJ6P				FW2P	—	[3] [4]	1

Table 16.2: Duplex Units—Class 2510

Type of Operator	No. of Poles	Features	NEMA 1 General Purpose Enclosure Surface Mounting	General Purpose Flush Mounting (Without Pull Box)		Replacement Starter Class 2510	Number of Thermal Units Required	
			Type	Gray Flush Plate for Wall or Cavity Mounting	Stainless Steel Flush Plate for Wall or Cavity Mounting			
One Starter in Duplex Enclosure—Class 2510								
Toggle	2	Standard	FG02	—	—	—	1	
		With Red Pilot Light [2]	FG02P	—	—	—		
Key	2	With Red Pilot Light [2]	FG04P	—	—	—	1	
Two Starters in One Enclosure—Class 2510								
Toggle	2 Each Str.	Standard	FG22	FF22	—	—	2	
		With Red Pilot Light on Each [2]	FG22P	FF22P	FS22P	—		
Key	2 Each Str.	With Red Pilot Light on Each [2]	FG44P	FF44P	FS44P	—	2	
Starter and Auto-Off-Hand SPDT Selector Switch (AC Only)—Class 2510								
Toggle	1	Standard	FG71	FF71	—	—	1	
		With Red Pilot Light [2]	FG71P	FF71P	FS71P	—		
	2	Standard	FG72	FF72	—	—	1	
		With Red Pilot Light [2]	FG72P	FF72P	FS72P	—		
Key	2	With Red Pilot Light [2]	FG74P	FF74P	FS74P	—	1	
Two Speed Starters (AC Only)—Class 2512								
Toggle	1	With Mechanical Interlock:						2
		Standard	FG11	FF11	—	FO1T		
		With 2 Red Pilot Lights [2]	FG11P	FF11P	—	FO1PT		
		With High-Off-Low Selector Switch:						
	With 2 Red Pilot Lights [2]	—	—	FS101P	FO1PT			
	2	With Mechanical Interlock:						2
		Standard	FG22	FF22	—	FO2T		
		With 2 Red Pilot Lights [2]	FG22P	FF22P	—	FO2PT		
With High-Off-Low Selector Switch:								
With 2 Red Pilot Lights [2]	—	—	FS202P	FO2PT				

Table 16.3: Horsepower Ratings, Type F (continuous current rating: 16 A)

Volts	Maximum Horsepower		
	AC Single Phase		DC 2-Pole Only
	1-Pole	2-Pole	
115	1	1	3/4
230	1	2	3/4
277	1	1	—

Table 16.4: Approvals—2510 Type F and K

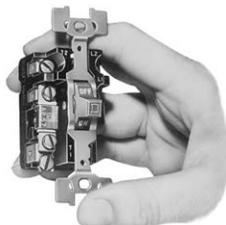
Agency	Enclosed	Open
UL	UL Listed File: E42243, CCN: NLRV	UL Component Recognized File: E42243, CCN: NLRV2
CSA	CSA Certified File: LR25490, Class: 3211-05	

Table 16.5: How to Order

To Order Specify:	Catalog Number	
• Class Number	Class	Type
• Type Number	2510	FG1



Type FG2P



Type FO2

[1] Furnished with one 3/4" pipe tap in the bottom (reversible for top feed). For a 3/4" pipe tap in the top and bottom, add the suffix H to the Type.
 [2] For a green pilot light, add the letter G to the catalog number (i.e. 2510FG2PG).
 [3] For a replacement starter, order the Open type above.
 [4] When replacing a starter equipped with a pilot light in NEMA 4 enclosure, retain the pilot light mounting bracket from the original device.