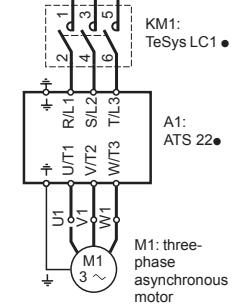
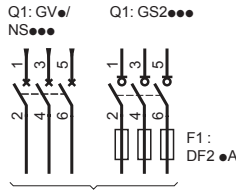


Altistart 22 soft start - soft stop units

Motor starters:
400...440 V three-phase power supply voltage
Type 1 coordination



Motor starter with protection by circuit breaker or switch disconnecter

Compatible components in accordance with standard IEC/EN 60947-4-2										
Use the contactor and starter with either a circuit breaker or a fuse switch disconnecter.										
Three-phase, 4-pole motor 50/60 Hz			Class 10 starter (1)	Circuit breaker		Contactor (3)	Fuse switch disconnecter (for front and side control)	aM fuse		
400 V	440 V	A		Reference	Rating			Unit reference (4)	Size mm	Rating A
kW	kW		A		A					
M1	M1		A1	Q1		KM1		F1		
7.5	7.5	14.8	ATS 22D17●	GV3 L20	–	LC1 D18●●	GS1 DD3	DF2 CA16	10 x 38	16
				NS80H6-MA	25					
15	15	28.5	ATS 22D32●	GV3 L32	–	LC1 D32●●	GS1 DD3	DF2 CA32	10 x 38	32
				NS80H6-MA	50					
22	22	42	ATS 22D47●	GV3 L50	–	LC1 D50A●●	GS2 F3	DF2 EA50	14 x 51	50
				NS80H6-MA	50					
30	30	57	ATS 22D62●	GV3 L65	–	LC1 D65A●●	GS2 J3	DF2 FA63	22 x 58	63
				NS80H6-MA	80					
37	37	69	ATS 22D75●	NS80H6-MA	80	LC1 D80●●	GS2 J3	DF2 FA80	22 x 58	80
45	45	81	ATS 22D88●	NSX100●MA	100	LC1 D115●●	GS2 J3	DF2 FA100	22 x 58	100
				(2)						
55	55	100	ATS 22C11●	NSX160●MA	150	LC1 D115●●	GS2 K3	DF2 FA125	22 x 58	125
				(2)						
75	75	131	ATS 22C14●	NSX160●MA	150	LC1 D150●●	GS2 L3	DF2 GA1161 0		160
				(2)						
90	90	162	ATS 22C17●	NSX250●MA	220	LC1 F185●●	GS2 N3	DF2 HA1201 1		200
				(2)						
110	110	195	ATS 22C21●	NSX250●MA	220	LC1 F225●●	GS2 N3	DF2 HA1251 1		250
				(2)						
132	132	233	ATS 22C25●	NSX400●	320	LC1 F265●●	GS2 N3	DF2 HA1251 1		250
				Micrologic 1.3-M (2)						
160	160	285	ATS 22C32●	NSX400●	320	LC1 F330●●	GS2 QQ3	DF2 JA1311 2		315
				Micrologic 1.3-M (2)						
220	220	388	ATS 22C41●	NSX630●	500	LC1 F400●●	GS2 S3	DF2 KA1401 3		400
				Micrologic 1.3-M (2)						
250	250	437	ATS 22C48●	NSX630●	500	LC1 F500●●	GS2 S3	DF2 KA1501 3		500
				Micrologic 1.3-M(2)						
315	355	560	ATS 22C59●	NS630b●	500	LC1 F630●●	GS2 S3	DF2 KA1631 3		630
				Micrologic 5.0 (2)						

(1) Replace ● with Q or S6 depending on the starter's voltage range.
To find more information on combinations for motor power supply voltages of 230 V (ATS 22●●●Q starters) or 500 V (ATS 22●●●S6 starters), please visit our website at "www.schneider-electric.com".
(2) Replace ● with F, N, H, S or L depending on the breaking capacity; see table below.
(3) Replace ●● with the control circuit voltage reference: please consult our "Motor starter solutions. Control and protection components" catalogue.
(4) DF2 CA, EA, FA: sold in lots of 10.
DF2 GA, HA, JA, KA: sold in lots of 3.

Maximum prospective short-circuit current of the starter according to standard IEC/EN 60947-4-2

Starter	Iq (kA) in 500 V
ATS 22D17●... ATS 22D75●	25
ATS 22D88●... ATS 22C59●	50

Breaking capacity of circuit-breakers according to standard IEC/EN 60947-4-2

Circuit-breaker	Icu (kA) in 400 V					Icu (kA) in 440 V				
	F	N	H	S	L	F	N	H	S	L
GV3 L	50					50				
NS80H6-MA	70					65				
Circuit-breaker	Icu (kA) in 400 V					Icu (kA) in 440 V				
NSX100...NSX630	36	50	70	100	150	35	50	65	90	130
NS630b	–	50	70	–	150	–	50	65	–	130