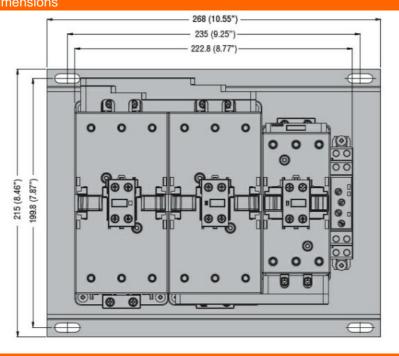
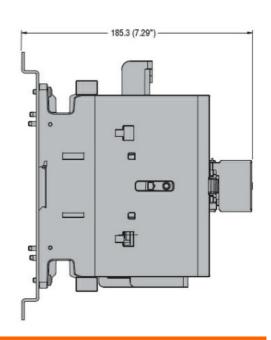


COMPLETE STAR-DELTA STARTER, OPEN FRAME, FOR STARTING TIME UP TO 12 SECONDS AND A MAXIMUM OF 30 OPERATIONS/HOUR, MAX IEC OPERATING CURRENT 160A. COIL VOLTAGE 230VAC 50/60HZ



Product designation Product type designation			Star-delta starter BFA095
Electrical features			DFA090
		^	100
Maximum operating current (≤440V)		Α	160
Components			
Contactor standard supplied			BF9500A / BF9500A / BF6500A
Thermal relay standard supplied			No
Thermal relay to purchase separately			RF110
Auxiliary contact standard supplied			BFX1020 / BFX1011 / BFX1011
Contact characteristics			
IEC standard motor powers			
·	230V	kW	45
	400V	kW	90
	440V	kW	90
	500V	kW	110
Mechanical features			
Weight		g	6900
Dimensions		3	



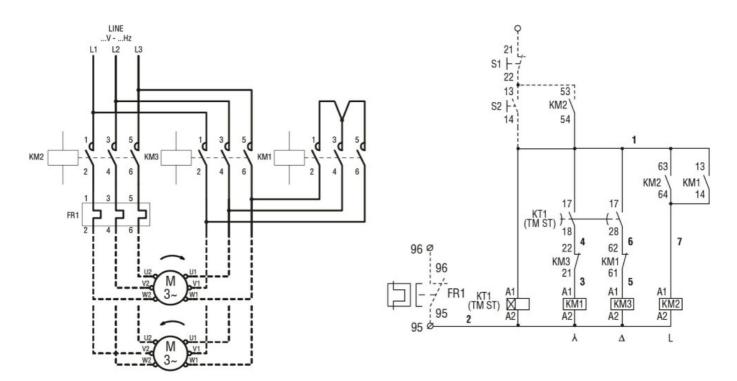


## Wiring diagrams





COMPLETE STAR-DELTA STARTER, OPEN FRAME, FOR STARTING TIME UP TO 12 SECONDS AND A MAXIMUM OF 30 OPERATIONS/HOUR, MAX IEC OPERATING CURRENT 160A. COIL VOLTAGE 230VAC 50/60HZ



## Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-4-1

Certificates

/

## ETIM classification

ETIM 8.0

EC001037 -Motor starter/Motor starter combination