

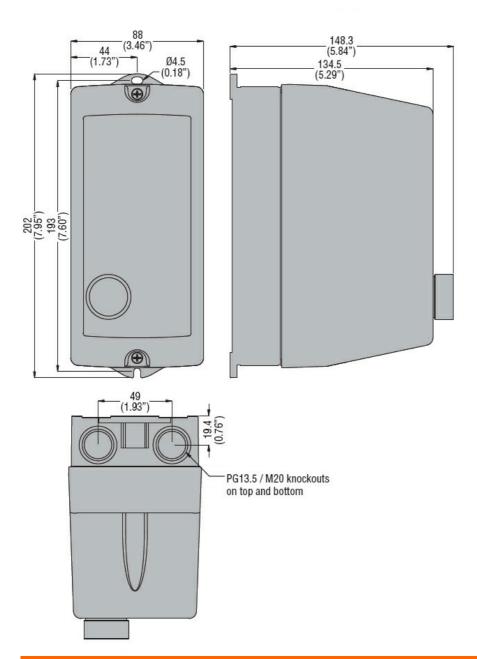
DIRECT-ON-LINE-STARTER, ENCLOSED WITHOUT THERMAL OVERLOAD RELAY, WITH RESET PUSHBUTTON, WITH BF09/BF18 CONTACTOR, 13A MAX (≤440V), IP65. CONTACTOR COIL VOLTAGE 230VAC 50/60HZ



Product designation			Direct-on-line starter
Product type designation			M1R01810
Electrical features			
Maximum operating current (≤440V)		Α	18
Components			
Starter enclosure standard supplied			M1RA
Contactor standard supplied			BF1810A
Thermal relay to purchase separately			RF38
Mechanical features			
Weight		g	867
Ambient conditions			
Operating temperature			
	min	°C	-25
	max	°C	+60
Storage temperature			_
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Dimensions			

ENERGY AND AUTOMATION

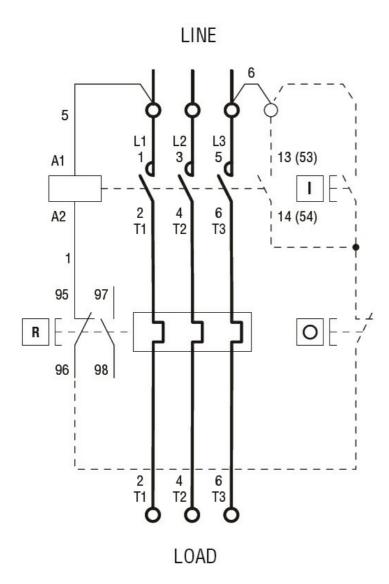
DIRECT-ON-LINE-STARTER, ENCLOSED WITHOUT THERMAL OVERLOAD RELAY, WITH **electric** RESET PUSHBUTTON, WITH BF09/BF18 CONTACTOR, 13A MAX (≤440V), IP65. CONTACTOR COIL VOLTAGE 230VAC 50/60HZ



Wiring diagrams

ENERGY AND AUTOMATION

DIRECT-ON-LINE-STARTER, ENCLOSED WITHOUT THERMAL OVERLOAD RELAY, WITH **electric** RESET PUSHBUTTON, WITH BF09/BF18 CONTACTOR, 13A MAX (≤440V), IP65. CONTACTOR COIL VOLTAGE 230VAC 50/60HZ



R = Reset; I = Start; O = Stop

Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-4-1

UL508 CSA C22.2 n° 14

Certificates

CSAus

cULus

EAC

ETIM classification

ETIM 8.0

EC001037 -Motor starter/Motor starter combination