SIEMENS

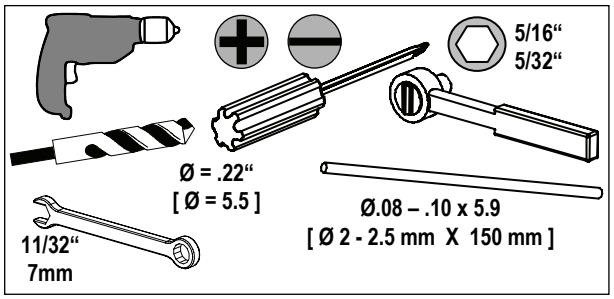
Motor Circuit Protector, Frame DG, FG
Protector Del Circuito Del Motor, Caja Base DG, FG
Protecteur De Circuit De Moteur, de Base DG, FG

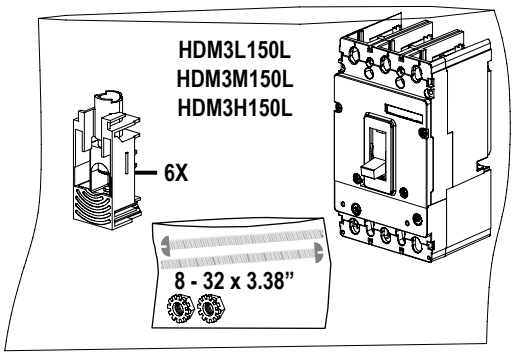
	U.S. Cat. No.	Euro Order No.
item:	H_M3L_50L	3VL_1_5-2KJ30-0AA0
	H_M3M_50L	3VL_1_5-2KK30-0AA0
	H_M3H_50L	3VL_1_5-2KL30-0AA0

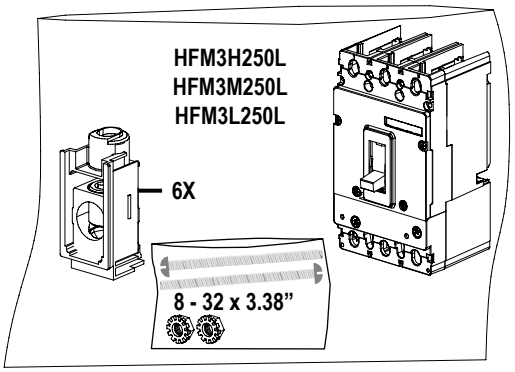
Installation Instructions / Instructivo de Instalación

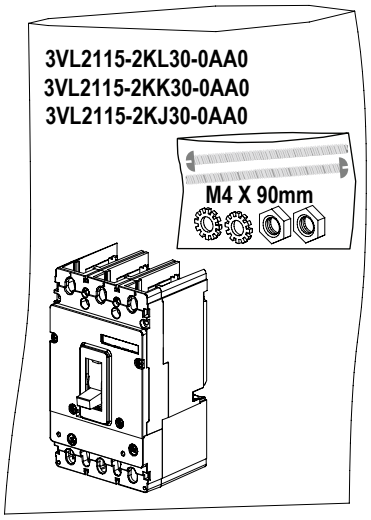
⚠ Danger	⚠ Peligro	⚠ Danger
Hazardous Voltage. **Will cause death or serious injury.** Turn off and lock out all power supplying this device before working on this device. Replace all covers before power supplying this device is turned on.	**Tensión peligrosa.** **Puede causar la muerte o lesiones graves.** Desenergice totalmente antes de instalar o darle servicio. Reemplace todas las barreras y cubiertas antes de energizar el interruptor.	**Tension dangereuse.** **Danger de mort ou risque de blessures graves.** Couper l'alimentation de l'appareil et barrer avant de travailler. Remplacez touts les couverts avant que l'approvisionnement de pouvoir soit alimenté.

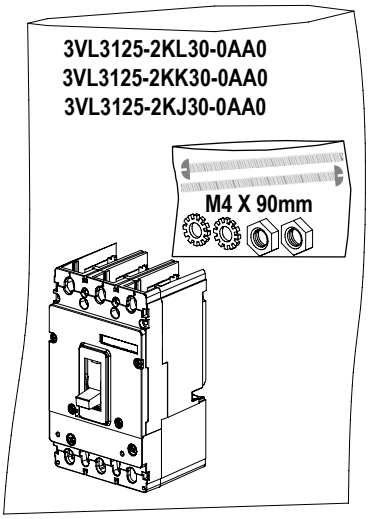
Use only with Siemens certified Components.
Utilizar únicamente con componentes certificados de Siemens.
A utiliser uniquement avec les composants certifiés Siemens.



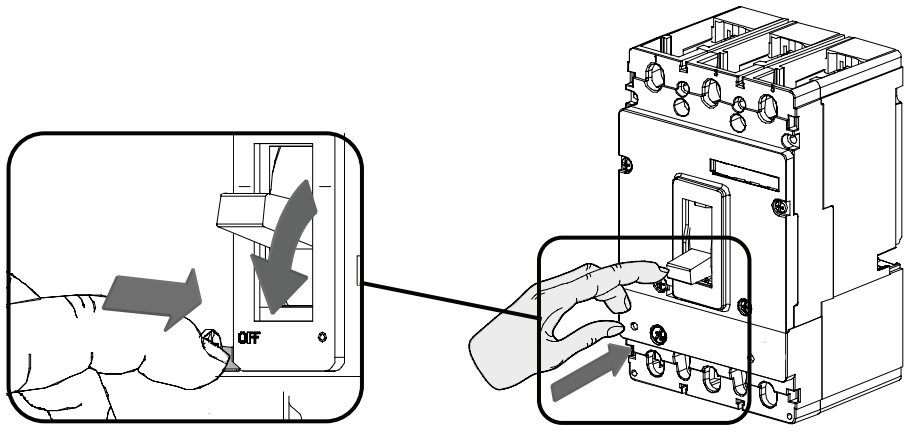




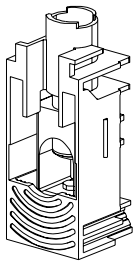




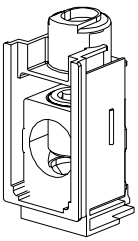
1 **Trip**
[Interrumpir]



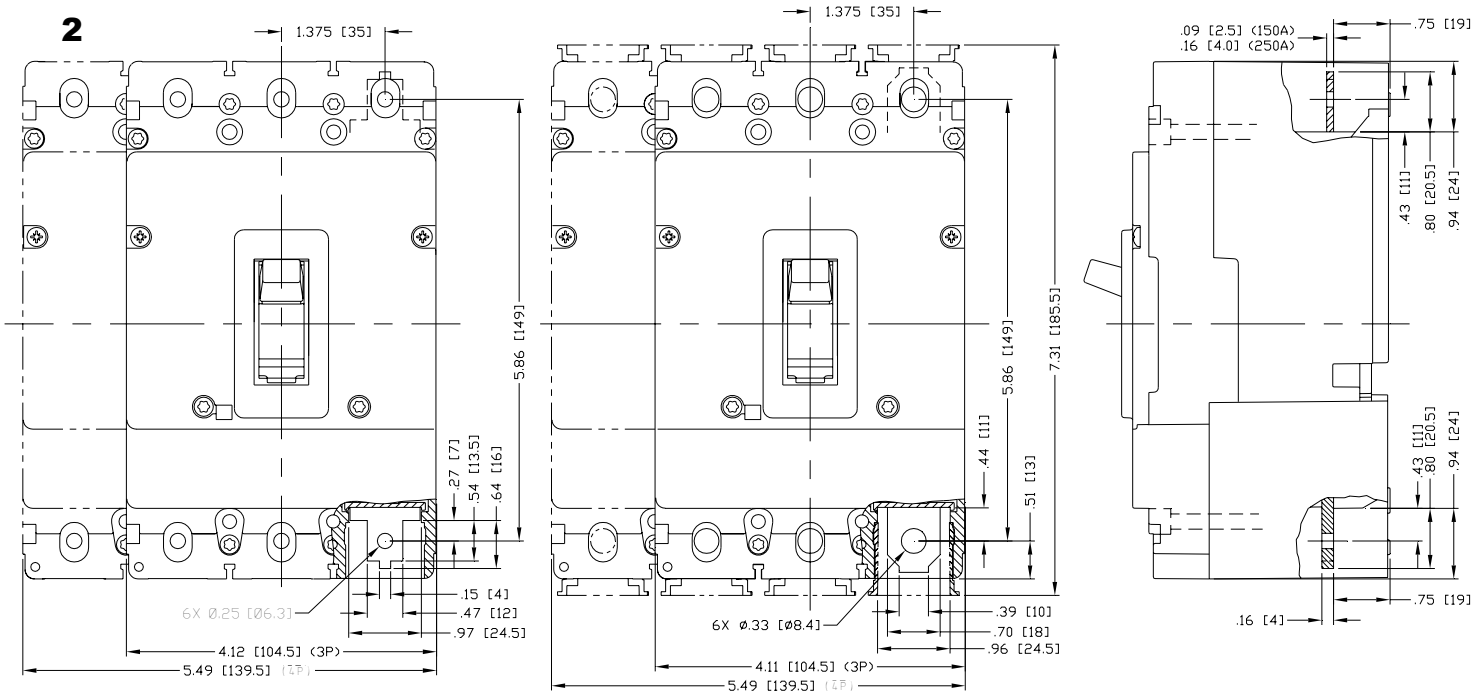
DG

Wire Connector [Conexión del cable]	Wire Size [Rango Cable]	Ref. UL 486A - 486B Wire Stranding (Cable)		Torque [esfuerzo de torsión]	Wire Strip Length [Quitar]
		CU / AL Class B	CU Class C	"B"	"A"
 4 mm OR 5/32	Cu Only 6 – 1 AWG [13.3 – 42.4 mm²]	6 – 2 AWG [13.3 – 33.6 mm²] 7 STRANDS	6 – 2 AWG [13.3 – 33.6 mm²] 19 STRANDS	50 lb. in. [5.6 Nm]	.59" [15 mm]
		1 AWG [42.4 mm²] 19 STRANDS	1 AWG [42.4 mm²] 37 STRANDS		
	Cu only 1/0 – 3/0 AWG [53.5 – 85 mm²]	1/0 – 3/0 AWG [53.5 – 85 mm²] 19 STRANDS	1/0 – 3/0 AWG [53.5 – 85 mm²] 37 STRANDS	120 lb. in. [13.5 Nm]	

FG

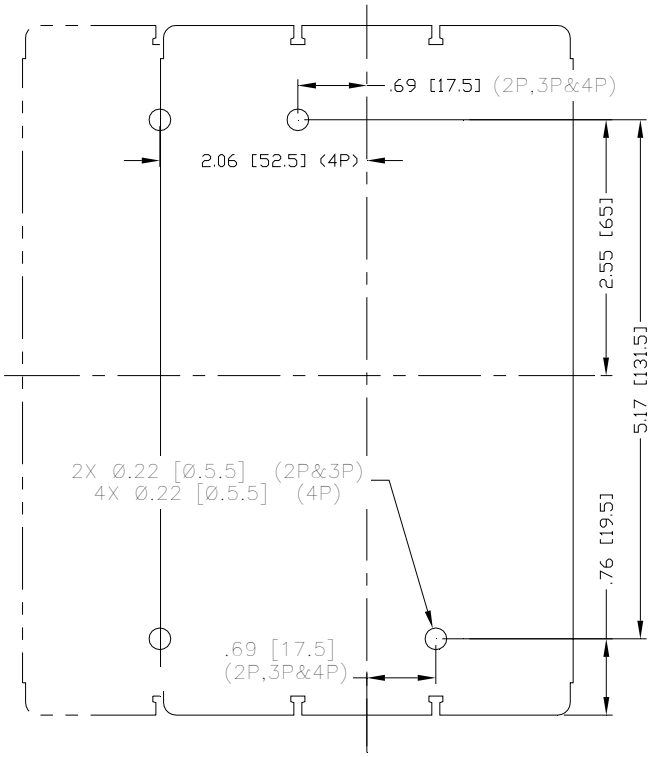
Wire Connector [Conexión del cable]	Wire Size [Rango Cable]	Ref. UL 486A - 486B Wire Stranding (Cable)		Torque [esfuerzo de torsión]	Wire Strip Length [Quitar]
		CU / AL Class B	CU Class C		"A"
 8 mm OR 5/16	Cu / Al 4 AWG – 350 kcmil [21 – 177 mm²]	14 – 2 AWG [2.1 – 33.6] 7 STRANDS	14 – 2 AWG [2.1 – 33.6] 19 STRANDS	4 – 1 AWG - 120 lb. in. 21 – 42.4 mm²[13.5 Nm]	.87" [22 mm]
		250 - 500 kcmil [127 – 253] 37 STRANDS	250 - 500 kcmil [127 – 253] 61 STRANDS	1/0 – 350 kcmil – 275 lb. in. 53.5 – 177 mm²[31 Nm]	

2



⚠ Danger	⚠ Peligro	⚠ Danger
Hazardous Voltage. **Will cause death or serious injury.** Turn off and lock out all power supplying this device before working on this device. Replace all covers before power supplying this device is turned on.	**Tensión peligrosa.** **Puede causar la muerte o lesiones graves.** Desenergice totalmente antes de instalar o darle servicio. Reemplace todas las barreras y cubiertas antes de energizar el interruptor.	**Tension dangereuse.** **Danger de mort ou risque de blessures graves.** Couper l'alimentation de l'appareil et barrer avant de travailler. Remplacez touts les couverts avant que l'approvisionnement de pouvoir soit alimenté.

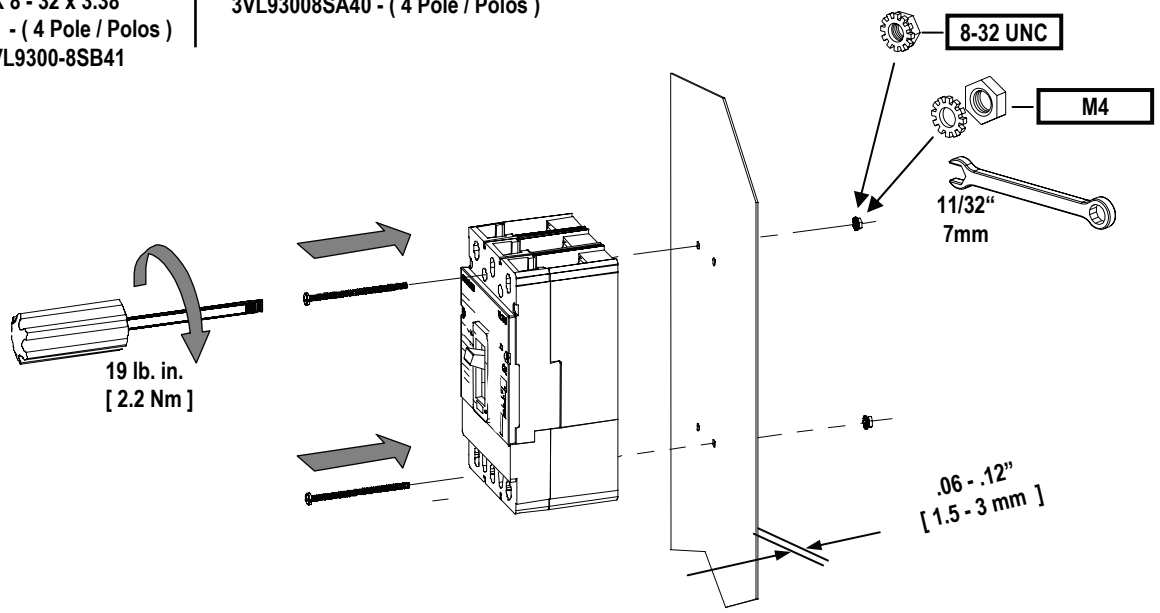
5

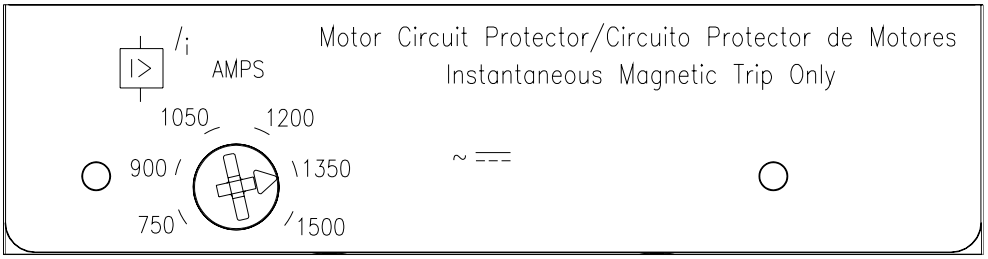


Accessory
[Accesorio]

1

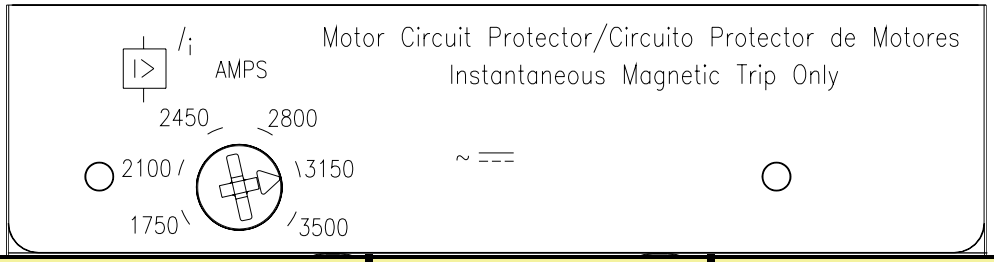
U.S. Cat. No.	Euro Order No.
2 X 8 - 32 x 3.38” MSKF2 - (2 + 3 Pole / Polos) 3VL9300-8SB21	2 X M4 X 90mm 3VL93008SA20 - (2 + 3 Pole / Polos)
4 X 8 - 32 x 3.38” MSKF4 - (4 Pole / Polos) 3VL9300-8SB41	4 X M4 X 90mm 3VL93008SA40 - (4 Pole / Polos)





DG

EX: HDM3M150L
[3VL2115-2KK30-0AA0]



FG

EX: HFM3M250L
[3VL3125-2KL30-0AA0]

Motor Full Load Amperes [Amperios por Completo Carga Motor]	U.S. Cat. No. [Euro Order No.]	Switch Setting [Ajustes Interruptor]
34.62 - 50.00	HDM3L150L [3VL2115-2KJ30-0AA0]	450
41.53 - 56.91		540
48.46 - 70.00		630
55.38 - 70.75		720
62.30 - 90.00		810
69.23 - 76.91		900
57.69 - 83.00	HDM3M150L [3VL2115-2KK30-0AA0]	750
69.23 - 76.91		900
80.77 - 116.66		1050
92.30 - 133.00		1200
103.85 - 150.00		1350
115.00 - 136.00		1500
96.15 - 113.60	HDM3H150L [3VL2115-2KL30-0AA0]	1250
115.00 - 136.00		1500
134.52 - 194.00		1750
154.00 - 176.00		2000
173.00 - 250.00		2250
192.00 - 227.00		2500
46.15 - 54.50	HFM3L250L [3VL3125-2KJ30-0AA0]	600
55.38 - 70.75		720
64.62 - 93.00		840
74.00 - 107.00		960
83.00 - 120.00		1080
92.00 - 133.00		1200
76.92 - 90.90	HFM3M250L [3VL3125-2KK30-0AA0]	1000
92.00 - 133.00		1200
108.00 - 115.00		1400
123.00 - 178.00		1600
138.50 - 200.00		1800
154.00 - 176.00		2000
134.62 - 144.00	HFM3H250L [3VL3125-2KL30-0AA0]	1750
162.00 - 177.00		2100
188.46 - 272.00		2450
215.00 - 238.00		2800
242.00 - 350.00		3150
269.00 - 284.00		3500

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