

Warnung:
Explosionsgefahr – Der Austausch eines oder mehrerer
Bestandteile könnte die Eignung des Gerätes für Gerätegruppe I,
Gerätekategorie 2 beeinträchtigen.

Warning:
Explosion hazard – Substitution of any components may impair
suitability for Class I, Division 2.

Attention:
Danger d'explosion – Le remplacement de composants peut entraîner
la perte de la conformité de l'appareil à la classe I, division 2.

Advertencia:
Peligro de explosión – En caso de sustituir cualquier componente el
aparato puede perder la homologación para el grupo I, categoría II.

Avviso:
Pericolo di esplosione – La sostituzione di un qualsiasi componente
può rendere l'apparecchiatura non idonea agli ambienti di classe I,
divisione 2.

Uyarı:
Patlama tehlikesi – Herhangi bir parça değişimi cihazın Sınıf I,
Bölüm 2 için uygunluğunu olumsuz etkileyebilir.

Waarschuwing:
Ontploffingsgevaar – Vervanging van onderdelen kan ervoor
zorgen dat de apparatuur niet meer geschikt is voor klasse I,
zone 2.

Внимание:
Взрывоопасно — Замена любых компонентов может привести
кнепригодности оборудования к безопасной эксплуатации в
условиях класса I раздел 2.

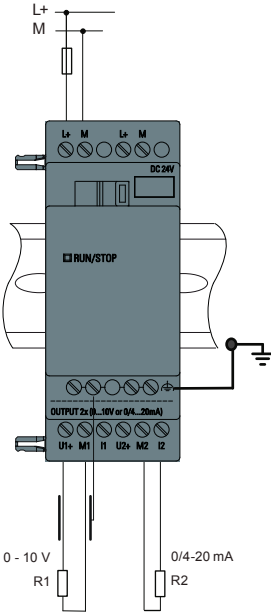
警告:
爆炸危险 - 更换任意部件均可能会降低产品在爆炸危险场所 (Class I,
Division 2) 使用时的安全性。

警告:
爆発の危険 - 部品を交換すると、Class I、Division 2に対する本装置
の適合性を損なう場合があります。

경고:
폭발 위험 – 구성품을 교체하면 클래스 I, 디비전 2의 적합성에 맞지 않
을 수 있습니다.

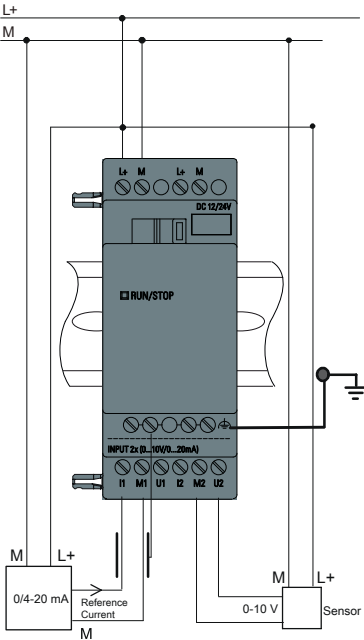
FL1F-K2BM2
(0 ... 10 V DC or 0/4 ... 20 mA)

L+ = 20.4 ... 28.8 VDC
I_{24VDC} = 30 ... 82 mA
V1, V2 = 0 ... 10 VDC
I1, I2 = 0/4 ... 20 mA
R1 >= 5 kΩ
R2 <= 250 Ω



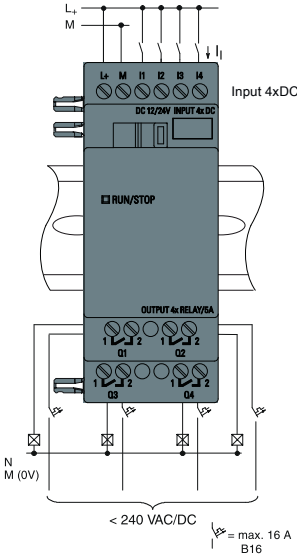
FL1F-J2B2

L+ = 10.8 ... 28.8 VDC
I_{12VDC} = 25 ... 30 mA
I_{24VDC} = 25 ... 30 mA
I1, I2 = 0/4 ... 20 mA
U1, U2 = 0 ... 10 V



FL1F-M08B2R2

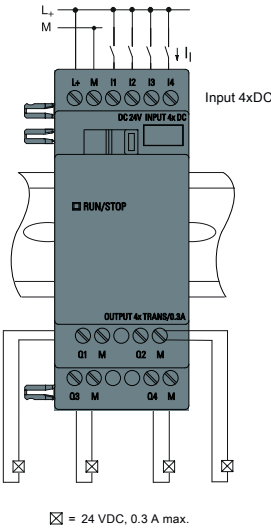
L+ = 10.8 ... 28.8 VDC
I_{12VDC} = 20 ... 90 mA
I_{24VDC} = 15 ... 50 mA
I1 ... I4 = 1: > 8.5 VDC; I > 1.5 mA
0: < 5 VDC; I < 0.88 mA



FL1F-M08B1S2

L+ = 20.4 ... 28.8 VDC
I_{24VDC} = 25 ... 50 mA (without load)
1.2 A (with max. load)
I1 ... I4 = 1: > 12 VDC; I > 2.1 mA
0: < 5 VDC; I < 0.88 mA

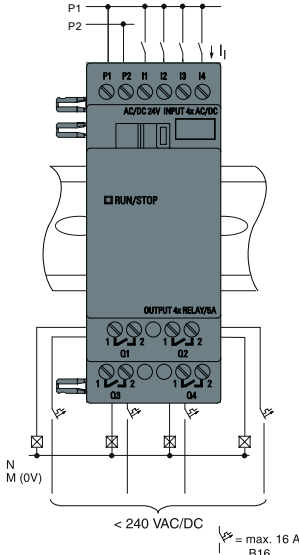
Note: You can connect all M wires of
output into any M terminal of output.



FL1F-M08D2R2

L = 20.4 ... 26.4 VAC
I_{24VAC} = 40 ... 110 mA
I1 ... I4 = 1: > 12 VAC; I > 2.63 mA
0: < 5 VAC; I < 1.1 mA
L+ = 20.4 ... 28.8 VDC
I_{24VDC} = 15 ... 50 mA
I1 ... I4 = 1: > 12 VDC; I > 2.63 mA
0: < 5 VDC; I < 1.1 mA

L+	M	DC	PNP
M	L+	DC	NPN
L1	N	AC	



FL1F-M08C2R2

L1 = 85 ... 265 VAC
I_{115VAC} = 20 ... 40 mA
I_{240VAC} = 15 ... 30 mA
I1 ... I4 = 1: > 79 VAC; I: > 0.08 mA
0: < 40 VAC; I: < 0.05 mA
L+ = 100 ... 253 VDC
I_{115VDC} = 10 ... 25 mA
I_{240VDC} = 5 ... 15 mA
I1 ... I4 = 1: > 79 VDC; I > 0.13 mA
0: < 30 VDC; I < 0.06 mA

