



16 And 32 Point Relay Interface Modules
Modules d'interface de relais 16 un 32 points
16 un 32-Punkt-Schnittstellen-Relaismodule
Moduli di interfaccia con relè a 16 un 32 punti
Módulos de interfaz de relé (16 un 32 puntos)
(Cat 1492-XIMTS2024-16R; 1492-RXIMTS2024-16R;
1492-XIMTS4024-32R; 1492-RXIMTS4024-32R)



WARNING: To prevent electrical shock, disconnect from power source before installing or servicing.

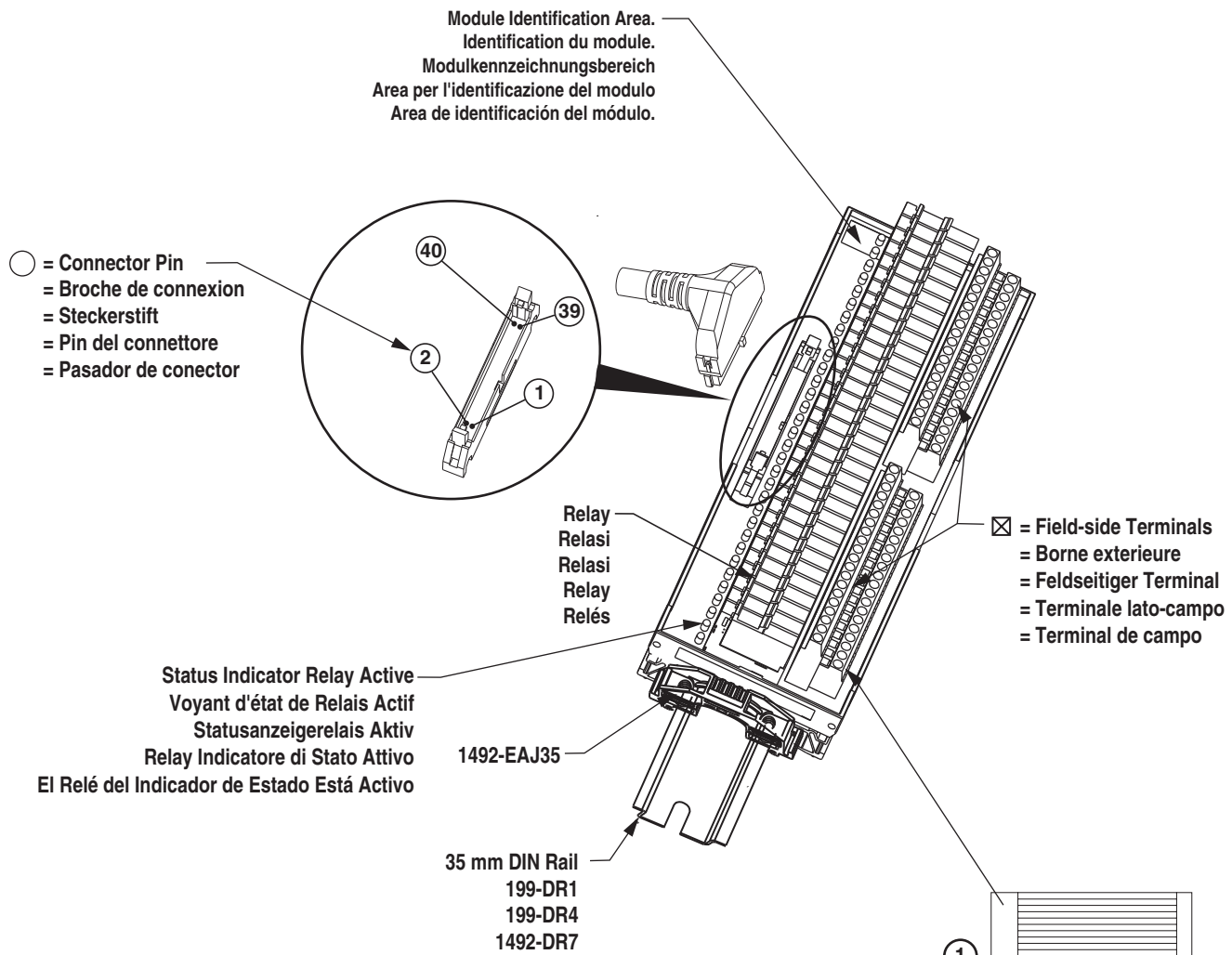
AVERTISSEMENT: Avant le montage et la mise en service, couper l'alimentation secteur pour éviter toutes décharges.

WARNUNG: Vor Installations- oder Servicearbeiten Stromversorgung unterbrechen, um Elektroschocks zu vermeiden.

AVVERTENZA: Per prevenire infortuni, togliere tensione prima dell'installazione o manutenzione.

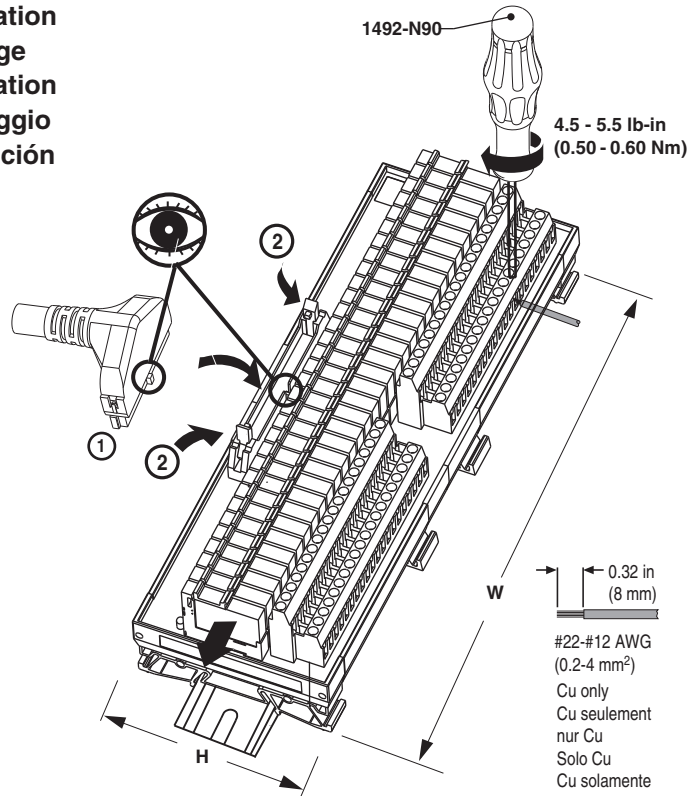
ADVERTENCIA: Desconéctese de la corriente eléctrica, antes de la instalación o del servicio, a fin de impedir sacudidas eléctricas.

1492-XIMTS4024-32R MODULE SHOWN.

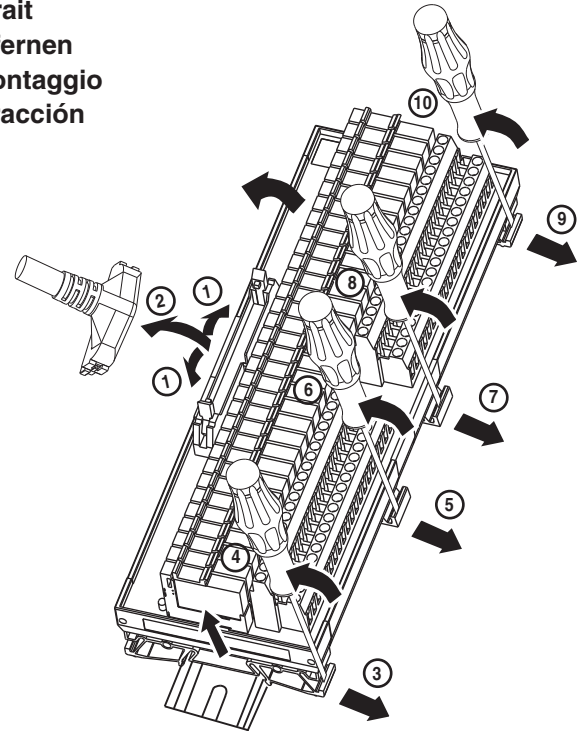


- ① Adhesive Label Card. Provides terminal wiring identification.
Carte étiquette adhésive. Identifie le câblage des bornes.
Aufklebbare Etiketten zur Kennzeichnung der Klemmenverdrahtung.
Scheda etichette adesive. Fornisce l'identificazione del cablaggio dei terminali.
Tarjeta de etiquetas adhesivas. Proporciona identificación de cableado del terminal.

Installation
Montage
Installation
Montaggio
Instalación



Removal
Retrait
Entfernen
Smontaggio
Extracción



Cable Matrix
Matrice des câbles
Kabelmatrix
Matrice cavi
Matriz de cables

I/O Module Module E/S E/A-Modul Modulo I/O Módulo de E/S	1492-XIMTS2024-16R 1492-RXIMTS2024-16R	1492-XIMTS4024-32R 1492-RXIMTS4024-32R
	②	②
1746-OB16	1492-CABLE ① E	
1746-OB16E	1492-CABLE ① E	
1746-OB16P	1492-CABLE ① E	
1756-OB16E	1492-CABLE ① X	
1769-OB16	1492-CAB ① E69	
1769-OB32		1492-CAB ① K69
1769-OB32T		1492-CABLE ① H
1756-OB16E	1492-CABLE ① X	
1771-OB	1492-CABLE ① F,FF	
1746-OB32		1492-CABLE ① H
1746-OB32E		1492-CABLE ① H
1756-OB32		1492-CABLE ① Z
1756-OV32E		1492-CABLE ① Z
TC-ODD321		1492-CABLE ① Z
1771-OB		1492-CABLE ① L
1794-OB16	1492-CAB ① A94	
1794-OB16P	1492-CAB ① A94	
1794-OB32P		1492-CAB ① B94

- ① Cables are available in 0.5m, 1.0m, 2.5m and 5.0m lengths (005=0.5m, 010=1.0m, 025=2.5m, 050=5.0m). Custom length cables also available. Contact local Sales Office for more information.
Câbles disponibles en 0,5m, 1,0m, 2,5m et 5,0m de longueur (005=0,5m; 010=1,0m; 025=2,5m; 050=5,0m). Câbles sur mesure à la demande. Contactez le bureau le plus proche.
Verfügbare Kabellängen 0,5m, 1,0m, 2,5m und 5,0m (005=0,5m; 010=1,0m; 025=2,5m; 050=5,0m). Anwenderspezifische Längen stehen ebenfalls zur Verfügung. Kontaktieren Sie bitte Ihr lokales Vertriebsbüro für weitere Informationen.
I cavi sono disponibili in lunghezze di 0,5m, 1,0m, 2,5m e 5,0m (005=0,5m; 010=1,0m; 025=2,5m; 050=5,0m). Sono disponibili anche cavi su misura. Per ulteriori informazioni, contattare l'ufficio vendite locale.
Cables disponibles en longitudes de 0,5m, 1,0m, 2,5m, 5,0m (005=0,5m; 010=1,0m; 025=2,5m; 050=5,0m). Hay disponibles cables de varias longitudes. Para más información comuníquese con la oficina de ventas.
- ② Cable is limited for use within the control panel unless it is run through conduit. Cable is ITC (Instrumentation Tray Cable) rated.

I/O Wiring Data

IMPORTANT: Wiring information for your I/O module, XIM module and cable (e.g. wiring diagram and pinouts) are available online at www.rockwellautomation.com/en/e-tools. To obtain information follow this procedure.

- 1) In the Catalog Number BOX at the above online site type in the catalog number of the XIM, RXIM etc. module you are using and click on Submit.
- 2) At the next screen displayed, click on the Modify key (lower left of screen).
- 3) Click on the areas that indicate NO SELECTION and enter your specific configuration information (e.g. I/O platform, I/O MODULE, ETC.).
NOTE: To obtain the wiring diagram, you must select the Pre-Wired Cable Connector selection.
- 4) Configure your 1492 cable by filing in the NO SELECTION areas.
- 5) Click on the ACCEPT key for the configured 1492 cable. At the next screen click on ACCEPT for the 1492 module.
- 6) The next screen (Configuration Results) displays the results of your specific configuration. The "supplementary Documents" column contains I/O wiring information for the configuration (e.g. I/O Wiring Diagrams).

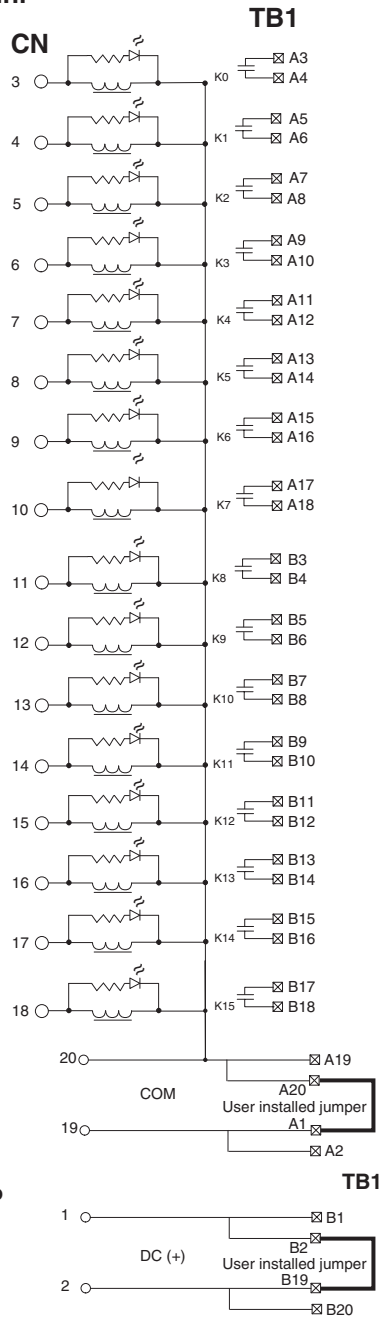
Pinout Brochage

Anschlußbelegung

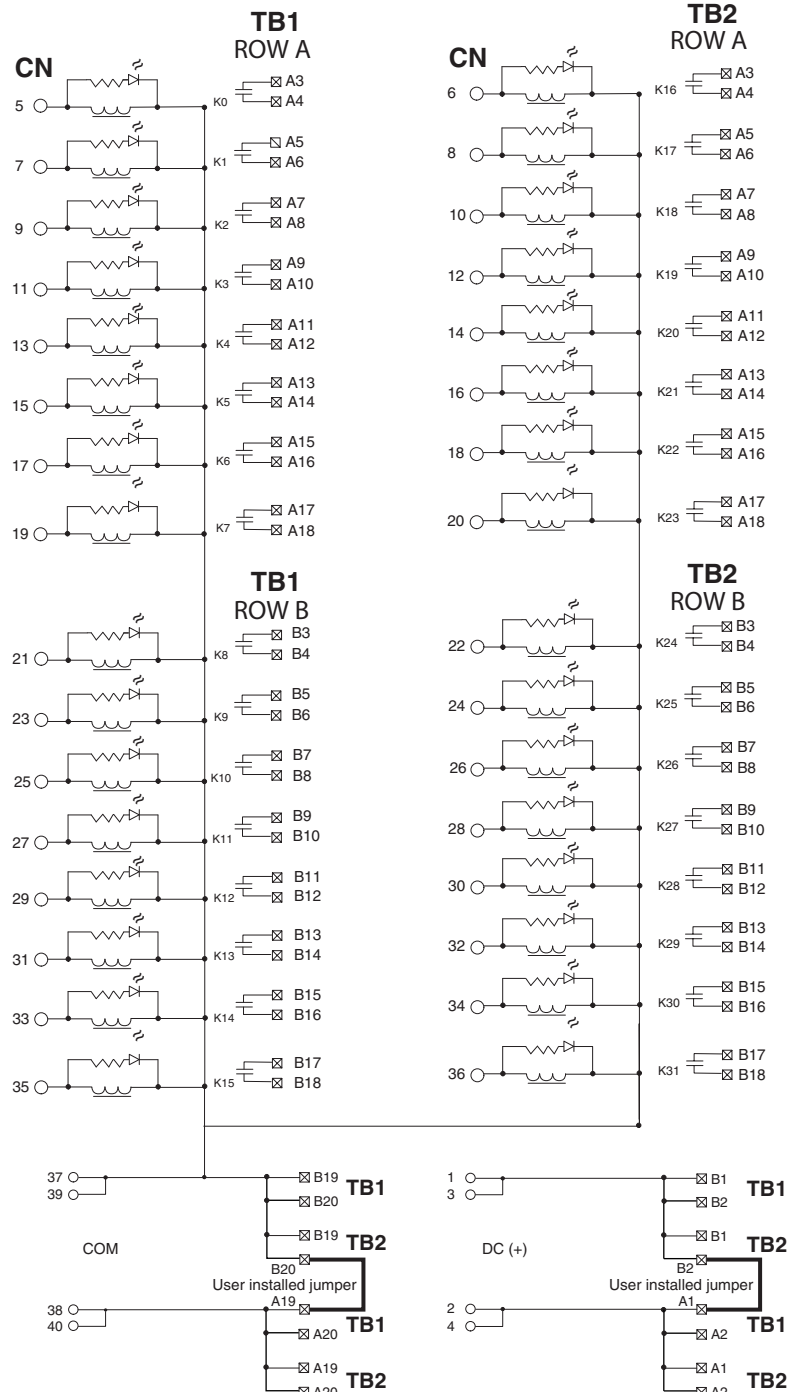
Disposizione dei piedini

Esquema de pins

1492-XIMTS2024-16R 1492-RXIMTS2024-16R

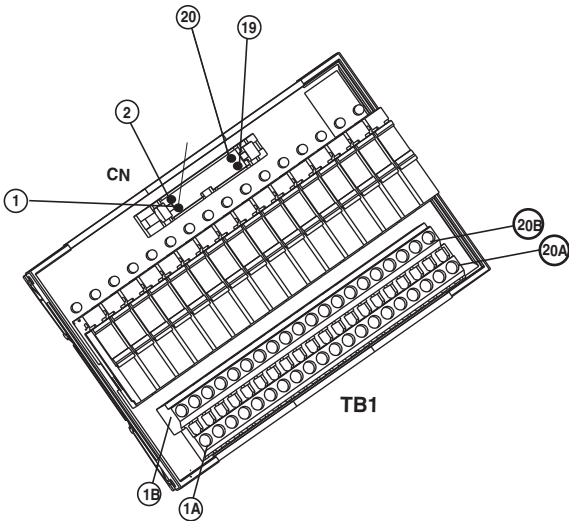


1492-XIMTS4024-32R 1492-RXIMTS4024-32R

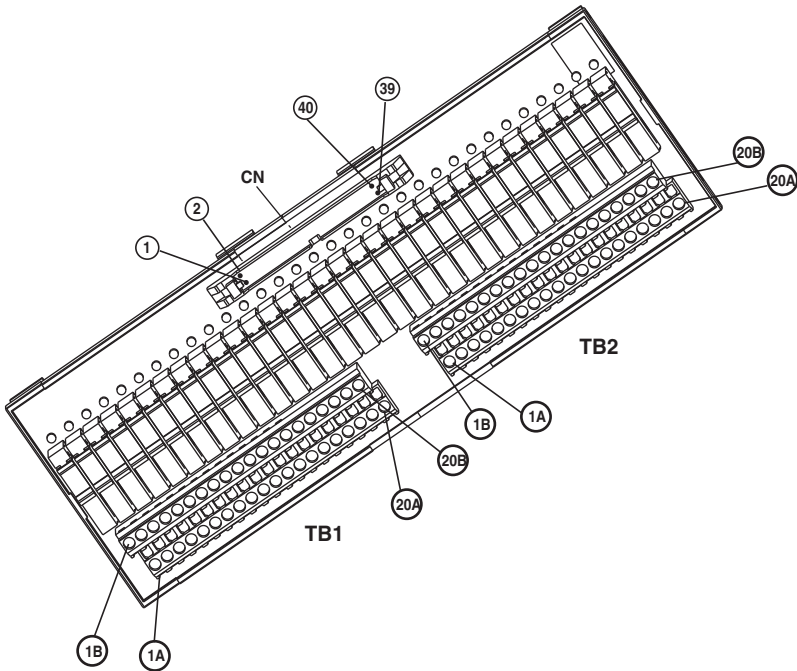


Pinout
Brochage
Anschlußbelegung
Disposizione dei piedini
Esquema de pins

Terminal Identification Convention
Convention d'identification des bornes
Klemmenbezeichnungskonvention
Convenzioni per l'identificazione dei morsetti
Convención de identificación del terminal



1492-XIMTS2024-16R
1492-RXIMTS2024-16R



1492-XIMTS4024-32R
1492-RXIMTS4024-32R



WARNING: Explosion Hazard.

Do not disconnect equipment unless power has been switched off or the area is known to be non-hazardous.

This equipment is suitable for use in Class I, Division 2, Groups A,B,C and D or non-hazardous locations only. Substitution of components may impair suitability for Class I, Division 2. Power, input and output (I/O) wiring must be in accordance with Class I, Div. 2 wiring methods - Article 501 - 10 (B) (1) of the National Electrical Code.

Electrical Ratings ORDINARY LOCATIONS HAZARDOUS LOCATION				Ind. Cont. Eq. for Haz. Loc. Listed A196 Class I, Div.2, Groups A,B,C,D Class I, Zn2, Groups IIC		Listed Ind. Cont. Eq. A191
Rated Thermal Current (<i>I_{th}</i>)		1-Pole, 1 N.O. 1A ③				
Rated Insulation Voltage (<i>U_i</i>)		250V IEC, 300V UL/CSA ③				
Output	Load Voltage Range	0...24VDC				
	Max. Repetitive Blocking Voltage	33 V				
	Max. Switching Current	0.75 A DC Ta 0°C - 40°C 0.5 A DC Ta 0°C - 50°C				
	On State Voltage Drop @ Max. Switching Current	< 120mVDC				
	Leakage Current	max. 100µA (@U=24V)				

③ Maximum Module Current

- 0.75 Amp per relay output

④ Replacement Relays

- 24VDC Control Voltage: 700-TBS24

Specifications Spécifications	Technische Daten Specifiche	Especificaciones			
Catalog No. Référence Bestell-Nr. N. Catalogo Referencia	Voltage Tension Spannung Tensione Voltaje	Indicator Circuit Current Courant circuit voyants Strom, Anzeigeschaltkreis Corrente circuito indicatori Intensidad del circuito de indicadores	Maximum Recurring Peak Voltage ② Tension de crele réurrente maximale Maximale periodische Hochstspannung Tensione massima di cresta ricorrente Voltaje de cresta iterativo máximo		
1492-XIMTS2024-16R 1492-RXIMTS2024-16R 1492-XIMTS4024-32R 1492-RXIMTS4024-32R	20 - 26 VDC	2.0 mA	600 Vp ②		

Catalog No. Référence Bestell-Nr. N. Catalogo Referencia	Operating Temperature Range Plage températures de fonctionnement Betriebstemperaturbereich Limiti temperatura di funzionamento Rango de temperatura de funcionamient	Operating Humidity Humidité relative Betriebsluftfeuchtigkeit Umidità di esercizio Humedad operativa	Approx. Shipping Weight Poids d'embarquement approximatif Ungefähres Versandgewicht Peso approssimativo del carico Peso aproximado al momento de embarque	Dimensions Dimensions Abmessungen Dimensioni Dimensiones	Standards Normes Standards Standard Estándares
1492-XIMTS2024-16R 1492-RXIMTS2024-16R 1492-XIMTS4024-32R 1492-RXIMTS4024-32R	0° C - 60° C	5 - 95% ③	1.55 lb. 398 g.	④ 4.72 in. (120 mm) W 3.27 in. (83 mm) H 2.74 in (70.5 mm) D	cULus (File: E113724, Guide No.: NRAQ) CE: Compliant for all applicable directives
			.880 lb. 701 g.	④ 9.45 in. (240 mm) W 3.27 in. (83 mm) H 2.74 in (70.5 mm) D	

② For transients > 600 Vp use a UL recognized suppression device rated at 2.5 kV withstand.
Pour des transitoires > 600 Vp utilisez un dispositif de suppression certifié UL à 2,5 kV nominal de tenue.
Für Einschaltstöße > 600 Vp verwenden Sie einen UL anerkannten Entstör器, der bewertet wurde bei 2,5 kV standzuhalten.
Per transistori > 600 Vp usare dispositivo di soppressione riconosciuto da UL capace di sopportare 2,5 kV.
Para transitorios > 600 Vp use un dispositivo de supresión reconocido UL clasificado con 2,5 kV.

③ Non-condensing
Sans condensation
Nicht kondensierend
Senza condensa
sin condensación

④ Add 0.39 in. to the width dimension for 1492-Rxx type modules.

SURGE SUPPRESSION follow the literature recommendations of the PLC module being used.
SUPPRESSION DES SURTENSIONS se trouve à la suite de la littérature qui contient les recommandations relatives au module PLC utilisé.
ÜBERSpannungSSchutz Bitte beachten Sie die Dokumentationsempfehlungen für das jeweils benutzte SPS-Modul.
Per la **SOPPRESSIONE DEI PICCHI TEMPORANEI**, seguire le istruzioni riportate nella documentazione in dotazione al Modulo PLC utilizzato.
SUPRESIÓN DE SOBRETENSIÓN, siga las recomendaciones indicadas en la documentación del módulo PLC respectivo.



Reference Publications: Refer to 1770-4.1 and appropriate PLC I/O module installation manual.