MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

ALLEN-BRADLEY

2711P-T10C4D1

PANELVIEW PLUS 1000 TOUCH TERMINAL

Used with the applicable PanelView Plus operator terminals configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

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Product Information

PanelView Plus and PanelView Plus Compact Terminals

Catalog Numbers 2711P-*x*4*xx*D, 2711P-*x*6*xx*D, 2711P-*x*4*xx*A, 2711P-*x*6*xx*A, 2711P-*x*(7,10,12,15)*xx*D(1,2,5,6,7), 2711P-*x*(7,10,12,15)*xx*A(1,2,5,6,7), 2711PC-*x*4*xx*D, 2711PC-*x*6*xx*D, 2711PC-T10C4D1, 2711P-RP(1,2,3,5,6,7)*x*

ATTENTION: Read this document and the documents listed in the Additional Resources section about installation, configuration and operation of this equipment before you install, configure, operate or maintain this product. Users are required to familiarize themselves with installation and wiring instructions in addition to requirements of all applicable codes, laws, and standards.

Activities including installation, adjustments, putting into service, use, assembly, disassembly, and maintenance are required to be carried out by suitably trained personnel in accordance with applicable code of practice.

If this equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

注意：在安装、配置、操作和维护本产品前，请阅读本文档以及 “ 其他资源 ” 部分列出的有关设备安装、配置和操作的相应文档。除了所有适用规范、法律和标准的相关要求之外，用户还必须熟悉安装和接线说明。

安装、调整、投运、使用、组装、拆卸和维护等各项操作必须由经过适当训练的专业人员按照适用的操作规范实施。

如果未按照制造商指定的方式使用该设备，则可能会损害设备提供的保护。

ATENCIÓN: Antes de instalar, configurar, poner en funcionamiento o realizar el mantenimiento de este producto, lea este documento y los documentos listados en la sección Recursos adicionales acerca de la instalación, configuración y operación de este equipo. Los usuarios deben familiarizarse con las instrucciones de instalación y cableado y con los requisitos de todos los códigos, leyes y estándares vigentes.

El personal debidamente capacitado debe realizar las actividades relacionadas a la instalación, ajustes, puesta en servicio, uso, ensamblaje, desensamblaje y mantenimiento de conformidad con el código de práctica aplicable.

Si este equipo se usa de una manera no especificada por el fabricante, la protección provista por el equipo puede resultar afectada.

ATENÇÃO: Leia este e os demais documentos sobre instalação, configuração e operação do equipamento que estão na seção Recursos adicionais antes de instalar, configurar, operar ou manter este produto. Os usuários devem se familiarizar com as instruções de instalação e fiação além das especificações para todos os códigos, leis e normas aplicáveis.

É necessário que as atividades, incluindo instalação, ajustes, colocação em serviço, utilização, montagem, desmontagem e manutenção sejam realizadas por pessoal qualificado e especializado, de acordo com o código de prática aplicável.

Caso este equipamento seja utilizado de maneira não estabelecida pelo fabricante, a proteção fornecida pelo equipamento pode ficar prejudicada.

ВНИМАНИЕ: Перед тем как устанавливать, настраивать, эксплуатировать или обслуживать данное оборудование, прочитайте этот документ и документы, перечисленные в разделе «Дополнительные ресурсы». В этих документах изложены сведения об установке, настройке и эксплуатации данного оборудования. Пользователи обязаны ознакомиться с инструкциями по установке и прокладке соединений, а также с требованиями всех применимых норм, законов и стандартов.

Все действия, включая установку, наладку, ввод в эксплуатацию, использование, сборку, разборку и техническое обслуживание, должны выполняться обученным персоналом в соответствии с применимыми нормами и правилами.

Если оборудование используется не предусмотренным производителем образом, защита оборудования может быть нарушена.

注意：本製品を設置、構成、稼動または保守する前に、本書および本機器の設置、設定、操作についての参考資料の該当箇所に記載されている文書に目を通してください。ユーザは、すべての該当する条例、法律、規格の要件に加えて、設置および配線の手順に習熟している必要があります。

設置調整、運転の開始、使用、組立て、解体、保守を含む諸作業は、該当する実施規則に従って訓練を受けた適切な作業員が実行する必要があります。

本機器が製造メーカにより指定されていない方法で使用されている場合、機器により提供されている保護が損なわれる恐れがあります。

ACHTUNG: Lesen Sie dieses Dokument und die im Abschnitt „Literaturverweise“ genannten Dokumente zur Installation, Konfiguration und Bedienung dieser Ausrüstung sorgfältig durch, bevor Sie dieses Produkt installieren, konfigurieren, bedienen oder instandsetzen. Benutzer müssen sich mit den Anweisungen zur Installation und Verdrahtung vertraut machen und müssen die Anforderungen aller geltenden Vorschriften, Gesetze und Normen kennen.

Aktivitäten wie Installation, Einstellung, Inbetriebnahme, Verwendung, Montage, Demontage und Instandsetzung müssen durch ausreichend geschultes Personal in Übereinstimmung mit den geltenden Durchführungsvorschriften ausgeführt werden.

Wenn diese Ausrüstung in einer Weise verwendet wird, die nicht vom Hersteller angegeben wurde, kann der von der Ausrüstung bereitgestellte Schutz beeinträchtigt sein..

ATTENTION : Lisez ce document et les documents listés dans la section Ressources complémentaires relatifs à l’installation, la configuration et le fonctionnement de cet équipement avant d’installer, configurer, utiliser ou entretenir ce produit. Les utilisateurs doivent se familiariser avec les instructions d’installation et de câblage en plus des exigences relatives aux codes, lois et normes en vigueur.

Les activités relatives à l’installation, le réglage, la mise en service, l’utilisation, l’assemblage, le démontage et l’entretien doivent être réalisées par des personnes formées selon le code de pratique en vigueur.

Si cet équipement est utilisé d’une façon qui n’a pas été définie par le fabricant, la protection fournie par l’équipement peut être compromise.

주의: 본 제품 설치, 설정, 작동 또는 유지 보수하기 전에 본 문서를 포함하여 설치, 설정 및 작동에 관한 참고 자료 섹션의 문서들을 반드시 읽고 숙지하십시오. 사용자는 모든 관련 규정 , 법규 및 표준에서 요구하는 사항에 대해 반드시 설치 및 배선 지침을 숙지해야 합니다 .

설치 , 조정 , 가동 , 사용 , 조립 , 분해 , 유지보수 등 모든 작업은 관련 규정에 따라 적절한 교육을 받은 사용자를 통해서만 수행해야 합니다 .

본 장비를 제조사가 명시하지 않은 방법으로 사용하면 장비의 보호 기능이 손상될 수 있습니다 .

ATTENZIONE Prima di installare, configurare ed utilizzare il prodotto, o effettuare interventi di manutenzione su di esso, leggere il presente documento ed i documenti elencati nella sezione “Altre risorse”, riguardanti l’installazione, la configurazione ed il funzionamento dell’apparecchiatura. Gli utenti devono leggere e comprendere le istruzioni di installazione e cablaggio, oltre ai requisiti previsti dalle leggi, codici e standard applicabili.

Le attività come installazione, regolazioni, utilizzo, assemblaggio, disassemblaggio e manutenzione devono essere svolte da personale adeguatamente addestrato, nel rispetto delle procedure previste.

Qualora l’apparecchio venga utilizzato con modalità diverse da quanto previsto dal produttore, la sua funzione di protezione potrebbe venire compromessa.

DİKKAT: Bu ürünün kurulumu, yapılandırılması, işletilmesi veya bakımı öncesinde bu dokümanı ve bu ekipmanın kurulumu, yapılandırılması ve işletimi ile ilgili İlave Kaynaklar bölümünde yer listelenmiş dokümanları okuyun. Kullanıcılar yürürlükteki tüm yönetmelikler, yasalar ve standartların gereksinimlerine ek olarak kurulum ve kablolama talimatlarını da öğrenmek zorundadır.

Kurulum, ayarlama, hizmete alma, kullanma, parçaları birleştirme, parçaları sökme ve bakım gibi aktiviteler sadece uygun eğitimleri almış kişiler tarafından yürürlükteki uygulama yönetmeliklerine uygun şekilde yapılabilir.

Bu ekipman üretici tarafından belirlenmiş amacın dışında kullanılırsa, ekipman tarafından sağlanan koruma bozulabilir.

注意事項：在安装、設定、操作或維護本產品前，請先閱讀此文件以及列於 「其他資源」章節中有關安裝、設定與操作此設備的文件。使用者必須熟悉安裝和配線指示，並符合所有法規、法律和標準要求。

包括安装、調整、交付使用、使用、組裝、拆卸和維護等動作都必須交由已經過適當訓練的人員進行，以符合適用的實作法規。

如果將設備用於非製造商指定的用途時，可能會造成設備所提供的保護功能受損。

POZOR: Než začnete instalovat, konfigurovat či provozovat tento výrobek nebo provádět jeho údržbu, přečtěte si tento dokument a dokumenty uvedené v části Dodatečné zdroje ohledně instalace, konfigurace a provozu tohoto zařízení. Uživatelé se musejí vedle požadavků všech relevantních vyhlášek, zákonů a norem nutně seznámit také s pokyny pro instalaci a elektrické zapojení.

Činnosti zahrnující instalaci, nastavení, uvedení do provozu, užívání, montáž, demontáž a údržbu musí vykonávat vhodně proškolený personál v souladu s příslušnými prováděcími předpisy.

Pokud se toto zařízení používá způsobem neodpovídajícím specifikaci výrobce, může být narušena ochrana, kterou toto zařízení poskytuje.

UWAGA: Przed instalacją, konfiguracją, użytkowaniem lub konserwacją tego produktu należy przeczytać niniejszy dokument oraz wszystkie dokumenty wymienione w sekcji Dodatkowe źródła omawiające instalację, konfigurację i procedury użytkowania tego urządzenia. Użytkownicy mają obowiązek zapoznać się z instrukcjami dotyczącymi instalacji oraz oprzewodowania, jak również z obowiązującymi kodeksami, prawem i normami.

Działania obejmujące instalację, regulację, przekazanie do użytkowania, użytkowanie, montaż, demontaż oraz konserwację muszą być wykonywane przez odpowiednio przeszkolony personel zgodnie z obowiązującym kodeksem postępowania.

Jeśli urządzenie jest użytkowane w sposób inny niż określony przez producenta, zabezpieczenie zapewniane przez urządzenie może zostać ograniczone.

OBS! Läs detta dokument samt dokumentet, som står listat i avsnittet Övriga resurser, om installation, konfigurering och drift av denna utrustning innan du installerar, konfigurerar eller börjar använda eller utföra underhållsarbete på produkten. Användare måste bekanta sig med instruktioner för installation och kabeldragning, förutom krav enligt gällande koder, lagar och standarder.

Åtgärder som installation, justering, service, användning, montering, demontering och underhållsarbete måste utföras av personal med lämplig utbildning enligt lämpligt bruk.

Om denna utrustning används på ett sätt som inte anges av tillverkaren kan det hända att utrustningens skyddsanordningar försätts ur funktion.

LET OP: Lees dit document en de documenten die genoemd worden in de paragraaf Aanvullende informatie over de installatie, configuratie en bediening van deze apparatuur voordat u dit product installeert, configureert, bediend of onderhoudt. Gebruikers moeten zich vertrouwd maken met de installatie en de bedradingsinstructies, naast de vereisten van alle toepasselijke regels, wetten en normen.

Activiteiten zoals het installeren, afstellen, in gebruik stellen, gebruiken, monteren, demonteren en het uitvoeren van onderhoud mogen uitsluitend worden uitgevoerd door hiervoor opgeleid personeel en in overeenstemming met de geldende praktijkregels.

Indien de apparatuur wordt gebruikt op een wijze die niet is gespecificeerd door de fabrikant, dan bestaat het gevaar dat de beveiliging van de apparatuur niet goed werkt.

North American Hazardous Location Approval

The following information applies when operating this equipment in hazardous locations.	Les informations suivantes s'appliquent pour les équipements utilisés dans des environnements dangereux.
When marked, these products are suitable for use in Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups F and G; Class III hazardous locations and nonhazardous locations only. Each product is supplied with markings on the rating nameplate indicating the hazardous location temperature code. When combining products within a system, the most adverse temperature code (lowest "T" number) may be used to help determine the overall temperature code of the system. Combinations of equipment in your system are subject to investigation by the local Authority Having Jurisdiction at the time of installation.	Les produits marqués "CL I, DIV 2, GP A, B, C, D" ne conviennent qu'à une utilisation en environnements de Classe I, Division 2, Groupes A, B, C et D ; Classe II, Division 2, Groupes F et G ; Classe III dangereux et non dangereux. Chaque produit est livré avec des marquages sur sa plaque d'identification qui indiquent le code de température pour les environnements dangereux. Lorsque plusieurs produits sont combinés dans un système, le code de température le plus défavorable (code de température le plus faible) peut être utilisé pour déterminer le code de température global du système. Les combinaisons d'équipements dans le système sont sujettes à inspection par les autorités locales qualifiées au moment de l'installation.
WARNING: EXPLOSION HAZARD • Do not disconnect equipment unless power has been removed or the area is known to be nonhazardous. • Do not disconnect connections to this equipment unless power has been removed or the area is known to be nonhazardous. • Substitution of components may impair suitability for Class I, Division 2. • Peripheral equipment must be suitable for the location in which it is used. • The battery or real-time clock module in this product must only be changed in an area known to be nonhazardous. • All wiring must be in accordance with Class I, Division 2, Class II, Division 2, or Class III wiring methods of Articles 501, 502 or 503, as appropriate, of the National Electrical Code and/or in accordance with Section 18-1J2 of the Canadian Electrical Code, and in accordance with the authority having jurisdiction. • When used in Class II and Class III hazardous locations these products must be installed in a dust tight enclosure in accordance with Articles 502 and 503 of the National Electrical Code.	**AVERTISSEMENT :** RISQUE D'EXPLOSION • Couper le courant ou s'assurer que l'environnement est classé non dangereux avant de débrancher l'équipement. • Couper le courant ou s'assurer que l'environnement est classé non dangereux avant de débrancher les connecteurs. • La substitution de composants peut rendre cet équipement inadapté à une utilisation en environnement de Classe I, Division 2. • Les équipements périphériques doivent s'adapter à l'environnement dans lequel ils sont utilisés. • La batterie ou le module de l'horloge en temps réel de ce produit doit être changé(e) uniquement dans un environnement classé sans risque. • Tous les systèmes de câblage doivent être de Classe I, Division 2, Classe II, Division 2, ou Classe III conformément aux méthodes de câblage indiquées dans les Articles 501, 502 ou 503 du Code Electrique National (National Electrical Code) et/ou conformément à la Section 18-1J2 du Canadian Electrical Code (Code Electrique Canadien), et en fonction de l'autorité de juridiction. • Quand ces produits sont utilisés dans des environnements dangereux de Classe II et Classe III, ils doivent être installés dans une enceinte étanche aux poussières conformément aux Articles 502 et 503 du Code Electrique National (National Electrical Code).

Environment and Enclosure Information

ATTENTION:

This equipment is intended for use in a Pollution Degree 2 industrial environment, in overvoltage Category II applications (as defined in IEC 60664-1), at altitudes up to 2000 m (6561 ft) without derating.

The terminals are intended for use with programmable logic controllers. Terminals that are AC powered must be connected to the secondary of an isolating transformer. Terminals that operate on DC power must be connected to a 24V DC power source, such as Class 2, SELV, or other isolated source.

This equipment is considered Group 1, Class A industrial equipment according to IEC CISPR 11. Without appropriate precautions, there may be difficulties ensuring electromagnetic compatibility in residential and other environments due to conducted or radiated disturbances.

This equipment is supplied as open-type equipment. It must be mounted within an enclosure that is suitably designed for those specific environmental conditions that will be present and appropriately designed to prevent personal injury resulting from accessibility to live parts. The interior of the enclosure must be accessible only by the use of a tool. The terminals meet specified NEMA Type and IEC ratings only when mounted in a panel or enclosure with the equivalent rating. Subsequent sections of this publication may contain additional information regarding specific enclosure type ratings that are required to comply with certain product safety certifications.

In addition to this publication, see:

- Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1, for additional installation requirements.
- NEMA 250 and IEC 60529, as applicable, for explanations of the degrees of protection provided by different types of enclosure.

IMPORTANT Refer to the user manual for your PanelView™ terminals in Additional Resources on page 4 for required tightening specifications of the mounting levers for panel installation.

Product Ratings

This section provides product ratings.

Attribute	Value
Temperature, operating	0…55 °C (32…131 °F)
Enclosure rating	NEMA Type 12, 13, 4X (indoor only) and IEC IP54, IP65 only when the terminal is mounted in an enclosure with equivalent rating.
Mounting torque 700 to 1500 panel installation	0.09…1.1 N•m (8…10 lb•in)

Wiring Specifications

This section provides wiring specifications.

Power Wiring

Terminal	Input Voltage(1)		Wire Type	Dual-wire Size(3) Min…Max	Single-wire Size Min…Max	Strip Length	Terminal Screw Torque
400 and 600	100…240V AC	18…30V DC	Cu 90 °C (194 °F) (2) stranded or solid	0.3…1.3 mm^2 22…16 AWG	0.3… 2.1 mm^2 22…14 AWG	7 mm (0.28 in.)	0.45…0.56 N•m (4…5 lb•in)
700 to 1500, 3-terminal	100…240V AC	–					0.56 N•m (5 lb•in)
700 to 1500, 2-terminal	–	18…32V DC					

(1) See label on product for power or current requirements.
(2) Minimum required insulation temperature rating.
(3) Two wire maximum per terminal.

Protective Earth/Functional Earth Wiring

Terminal	Input Voltage	Protective Earth	Functional Earth	Wire Type	Wire Size	Terminal Screw Torque
400 and 600	100…240V AC	⏚	–	Cu 90 °C (194 °F)(3) stranded or solid	2.1…3.3 mm² 14…12 AWG	0.45…0.56 N•m (4…5 lb•in)
700 to 1500 (1) (2)		⏚	–			0.56 N•m (5 lb•in)
		–	GND		2.1…5.3 mm² 14…10 AWG	1.13…1.36 N•m (10…12 lb•in)
400 and 600	18…30V DC	–	GND	Cu 90 °C (194 °F) (3) stranded or solid	2.1…3.3 mm² 14…12 AWG	0.45…0.56 N•m (4…5 lb•in)
700 to 1500 (2)	18…32V DC	–	GND		2.1…5.3 mm² 14…10 AWG	1.13…1.36 N•m (10…12 lb•in)

(1) 700 to 1500 terminals with an AC power input are required to connect both the protective earth and functional earth to ground.
(2) The functional earth connection is on the back of the display.
(3) Minimum required insulation temperature rating.

USB Ports

The PanelView™ Plus terminals contain universal serial bus (USB) ports that comply with hazardous location requirements. The PanelView Plus 700 to 1500 terminals have two USB host ports; the PanelView Plus 400 and 600 terminals have one USB host port. Field-wiring compliance requirements are provided in compliance with the National Electric Code, Article 500.

PanelView Plus Terminals Control Drawing - Associated Nonincendive Field-wiring Apparatus

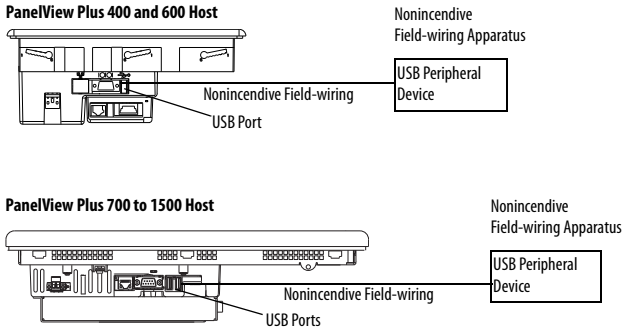


Table 1 - PanelView Plus USB Port Circuit Parameters

PanelView Plus Terminal Type	V_{oc}	I_{sc}	C_a		L_a	
			Groups A and B	Groups C and D	Groups A and B	Groups C and D
PanelView Plus 400 and 600, Series A and B	5.25V DC	1.68 A	10 µF	10 µF	15 µH	15 µH
PanelView Plus 400 and 600, Series C or later	5.25V DC	1.68 A	10 µF	10 µF	3.5 µH	15 µH
PanelView Plus 700 to 1500	5.25V DC	1.68 A	10 µF	10 µF	15 µH	15 µH

Selected nonincendive field-wiring apparatus must have nonincendive circuit parameters conforming with Table 2

Table 2 - Required Circuit Parameters for the USB Peripheral Device.

V_{max}	≥	V_{oc}	$C_i + C_{cable}$	≤	C_a
I_{max}	≥	I_{sc}	$L_i + L_{cable}$	≤	L_a

Application Information

The circuit parameters of the PanelView Plus 700 to 1500 USB port are given in Table 1. The USB peripheral device and its associated cabling must have circuit parameters with the limits given in Table 2 for them to remain nonincendive when used with the PanelView Plus 700 to 1500 USB port. If cable capacitance and inductance are not known, the following values from ANSI/ISA-RP 12.06.01-2003 may be used:

C_{cable} = 197 pF/m (60 pF/ft)
L_{cable} = 0.7 µH/m (0.20 µH/ft)

Nonincendive field wiring must be wired and separated in accordance with 501.10(B)(3) of the National Electrical Code (NEC) ANSI/NFPA 70 or other local codes as applicable. This associated nonincendive field-wiring apparatus has not been evaluated for use in combination with another associated nonincendive field-wiring apparatus.

Table 3 - Symbol Definitions

Symbol	Definition
V_{oc}	Open circuit voltage of the host USB port.
I_{sc}	Maximum output current of the host USB port.
V_{max}	Maximum applied voltage rating of the USB peripheral device. V_{max} must be greater than or equal to V_{oc} in Table 1 ($V_{max} \geq V_{oc}$).
I_{max}	Maximum current to which the USB peripheral device can be subjected. I_{max} must be greater than or equal to I_{sc} in Table 1 ($I_{max} \geq I_{sc}$).
C_i	Maximum internal capacitance of the USB peripheral device.
C_a	Maximum allowed capacitance of the USB peripheral device and its associated cable. The sum of C_i of the USB peripheral device and C_{cable} of the associated cable must be less than or equal to C_a ($C_i + C_{cable} \leq C_a$).
L_i	Maximum internal inductance of the USB peripheral device.
L_a	Maximum allowed inductance of the USB peripheral device and its associated cable. The sum of L_i of the USB peripheral device and L_{cable} of the associated cable must be less than or equal to L_a ($L_i + L_{cable} \leq L_a$).

Battery Removal

This product contains a sealed lithium battery. For the PanelView Plus 700 to 1500 terminals, you may need to replace the battery during the life of the product. For the PanelView Plus 400 and 600 terminals, the battery is permanently connected and should be removed only by trained professionals at the end of product life. At the end of its life, the battery in these products should be collected separately from any unsorted municipal waste. The collection and recycling of batteries helps protect the environment and contributes to the conservation of natural resources as valuable materials are recovered.

Perchlorate material – special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate.

This perchlorate warning only applies to primary Lithium Manganese Dioxide ($LiMnO^2$) cells or batteries, and products containing these cells or batteries, sold or distributed in California, USA.

WARNING: There is a danger of explosion if the lithium battery or real-time clock module in these products is incorrectly replaced. Replace the battery only with the indicated type. Do not replace the battery or real-time clock module unless power has been removed and the area is known to be nonhazardous.

Do not dispose of the lithium battery or real-time clock module in a fire or incinerator. Dispose of the battery in accordance with local disposal regulations.

For safety information on handling lithium batteries, including handling and disposal of leaking batteries, see Guidelines for Handling Lithium Batteries, publication AG-5.4.

PanelView Plus 700 to 1500 Terminals

Follow these steps to remove the battery from the 700 to 1500 terminals during or at the end of product life.

1. Disconnect power from the terminal.
2. Detach the communication module, if attached, from the logic module by removing the four screws.
3. Loosen the captive screws that attach the logic module to the display module.
4. Carefully lift the logic module away from the terminal and turn it over so you can see the circuit board.
5. Remove the battery by lifting up the side of the battery.
6. Insert the replacement battery, catalog number 2711P-RY2302.
7. Attach the logic module by aligning the two connectors on the bottom of the module with the connectors on the terminal.
8. Push down to firmly seat the logic module, then tighten the captive screws to a torque of 0.58 N•m (5…7 lb•in).
9. Attach the communication module (if used) and tighten the four screws to a torque of 0.58 N•m (5…7 lb•in).

PanelView Plus 400 and 600 Terminals

Follow these steps to remove the permanently connected battery from the 400 and 600 terminals at the end of product life.

1. Disconnect power from the terminal.
2. Detach the communication module, if attached, from the logic module by removing the three screws.
3. Unlatch the eight retaining tabs (two on each side) on the back cover and remove cover.
4. Locate the yellow battery on the logic board.
5. Remove the battery.

Turkey RoHS Directive

EEE Yönetmeliðine Uygundur. (In Conformity with the EEE Regulation.)

中国 RoHS 指令符合性表

China RoHS Compliance Table

部件名称 Component Name	有毒或有害的物质和元素 Toxic or Hazardous Substances and Elements					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六价铬 Hexavalent Chromium (Cr(VI))	多溴联苯 Polybrominated Biphenyls (PBB)	多溴二苯醚 Polybrominated Diphenyl Ethers (PBDE)
外壳 Housing	X	0	0	0	0	0
显示器 Display	X	X	0	0	0	0
印刷电路板组件 Printed circuit board assemblies	X	0	0	0	0	0
金属部件 Metal components	X	0	0	0	0	0
风扇组件 Fan assembly	X	0	0	0	0	0
接线和电缆 Wiring and cable	X	0	0	0	0	0
触头 Contacts	X	0	X	0	0	0
电池 Battery	0	0	0	0	0	0
塑料部件 Plastic components	0	0	0	0	0	0

本表格依据 SJ/T 11364 的规定编制。

This form is based on the provisions established in SJ / T 11364.

0：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

0: Indicates that this hazardous substance contained in all of the homogeneous materials for the part is below the limit requirement in GB/T 26572.

X：表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。

X: Indicates that this hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in GB/T 26572.

（企业可在此处，根据实际情况对上表中打 “X” 的技术原因进行进一步说明。）

(If desired, descriptions of the components with an "X" can be provided here.)

Additional Resources

These documents contain additional information concerning related products from Rockwell Automation.

Resource	Description
PanelView Plus Terminals User Manual, publication 2711P-UM001	Provides details on how to install, configure, and operate the PanelView Plus terminals.(1)
PanelView Plus Compact Terminals User Manual, publication 2711PC-UM001	Provides details on how to install, configure, and operate the PanelView Plus Compact terminals. (1)
PanelView Plus 700 to 1500, and PanelView Plus Compact 1000 Terminals and Display Modules Installation Instructions, publication 2711P-IN001	Provides details on how to install, configure, and operate the PanelView Plus 700 to 1500, and PanelView Plus Compact 1000 Terminals and Display Modules.(1)
PanelView Plus and PanelView Plus Compact 400 and 600 Installation Instructions, publication 2711P-IN002	Provides details on how to install, configure, and operate the PanelView Plus and PanelView Plus Compact 400 and 600 Terminals.(1)
Wiring and Grounding Guidelines for PanelView Plus Terminals Technical Data, publication 2711P-TD001	Provides information for wiring and grounding PanelView Plus terminals.
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation® industrial system.
Product Certifications website, http://www.rockwellautomation.com/products/certification	Provides declarations of conformity, certificates, and other certification details.

(1) Supports FactoryTalk View Machine Edition software, version 5.1 or earlier.

You can view or download publications at http://www.rockwellautomation.com/literature/. To order paper copies of technical documentation, contact your local Allen-Bradley distributor or Rockwell Automation sales representative.

Rockwell Automation maintains current product environmental information on its website at http://www.rockwellautomation.com/rockwellautomation/about-us/sustainability-ethics/product-environmental-compliance.page.

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