Product Information

Original Instructions

Allen-Bradley
by ROCKWELL AUTOMATION

PowerFlex 755TM IP00 Open Type Accessories

Catalog Numbers 20-750-MACCM1-FnM, 20-750-MACPCCB1-CD-nKn, 20-750-MACPCCB-1K0, 20-750-MACPCCB-1K0-F8M, 20-750-MACPCCB-CDE-3K0, 20-750-MACPCCB-E-nKn, 20-750-MACPCCB-F-nKn, 20-750-MCPNL1-F8M, 20-750-MDCCM1-F8M, 20-750-MDCMNT1-F10M, 20-750-MDCMNT1-FnM, 20-750-MEXTBAY1, 20-750-MFOC-nxn, 20-750-MHRDWR-BUS1, 20-750-MIBAF1-F10M, 20-750-MIBAF1-FnM, 20-750-MIBPNLn-F1nM, 20-750-MIPNLn-FnM, 20-750-MMNT1-F10M, 20-750-MMNT1-F7L, 20-750-MMNT1-FnM, 20-750-MVENT1-F7L, 20-750-MVENTn-F10M, 20-750-MVENTn-FnM, 20-750-MWBPNL1-F8M

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 „Weitere Informationen“aufgeführten Dokumente, die Informationen zu Installation, Konfiguration und Bedienung dieses Produkts enthalten, bevor Sie dieses Produkt installieren, konfigurieren, bedienen oder warten. Anwender müssen sich neben den Bestimmungen aller anwendbaren Vorschriften, Gesetze und Normen zusätzlich mit den Installations- und Verdrahtungsanweisungen vertraut machen.

Arbeiten im Rahmen der Installation, Anpassung, Inbetriebnahme, Verwendung, Montage, Demontage oder Instandhaltung dürfen nur durch ausreichend geschulte Mitarbeiter und in Übereinstimmung mit den anwendbaren Ausführungsvorschriften vorgenommen werden.

Wenn das Gerät in einer Weise verwendet wird, die vom Hersteller nicht vorgesehen ist, kann die Schutzfunktion 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：在安裝、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 museji 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.

Rockwell Automation

Summary of Changes

This publication contains the following new or updated information. This list includes substantive updates only and is not intended to reflect all changes.

Topic	Page
Added the new frame 7L liquid cooled drive ventilation kit to the Ventilation Kits table.	3
Added the new frame 7L liquid cooled drive mounting kit to the Power and LCL Filter Module Floor and Support Bracket Kits table.	3

Topic	Page
Added the AC Precharge Circuit Breakers table.	4

Additional Resources

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

Resource	Description
PowerFlex 755TM IP00 Open Type Kits Technical Data, publication 750-TD101 PowerFlex 750-Series Products with TotalFORCE Control Technical Data, publication 750-TD100	Provides detailed information on: • Kit selection • Kit ratings and specifications • Option specifications
PowerFlex 750-Series Products with TotalFORCE Control Installation Instructions, publication 750-IN100	Provides the basic steps to install PowerFlex 755TL drives, PowerFlex 755TR drives, and PowerFlex 755TM bus supplies.
PowerFlex 755TM IP00 Open Type Kits Installation Instructions, publication 750-IN101	Provides instructions to install IP00 Open Type kits in user-supplied enclosures.
PowerFlex 755TM IP00 EMC C2 Filter Unpacking and Lifting Instructions, publication 750-IN109	Provides unpacking and lifting instructions for the IP00 / Open Type EMC C2 filter.
PowerFlex 750-Series Products with TotalFORCE Control Hardware Service Manual, publication 750-TG100	Provides detailed information on: • Preventive maintenance • Component testing • Hardware replacement procedures
PowerFlex 755TM Non-Regenerative Supply User Manual, publication 750-UM100	Provides detailed information on: • Receiving, handling, and storage • Installation steps • Setup and commissioning • Basic troubleshooting and maintenance
Wiring and Grounding Guidelines for Pulse Width Modulated (PWM) AC Drives, publication DRIVES-IN001	Provides basic information to properly wire and ground PWM AC drives.
Industry Installation Guidelines for PWM AC Drives Application Technique, publication DRIVES-AT003	Provides basic information on enclosure systems, considerations to help protect against environmental contaminants, and power and grounding considerations for installing Pulse Width Modulated (PWM) AC drives.
Drives in Common Bus Configurations with PowerFlex 755TM Bus Supplies Application Techniques, publication DRIVES-AT005	Provides basic information to properly wire and ground the following products in common bus applications: • PowerFlex 755TM drive system for common bus solutions • PowerFlex 750-Series AC and DC input drives
Product Certifications website, rok.auto/certifications	Provides declarations of conformity, certificates, and other certification details.

You can view or download publications at rok.auto/literature.

Qualified Personnel

ATTENTION: Only qualified personnel familiar with adjustable frequency AC drives and associated machinery should plan or implement the installation, startup, and subsequent maintenance of the system. Failure to comply can result in personal injury and/or equipment damage.

Accessible Parts

ATTENTION: To avoid an electric shock hazard, the installer must provide guarding to shield exposed electrical equipment against accidental contact. Exposed electrical components that carry potentially hazardous voltages are identified in the PowerFlex 750-Series Product with TotalFORCE Control Hardware Service Manual, publication 750-TG100. When installing this equipment, consider the design and placement of guarding to help prevent personal injury or equipment damage.

Product Safety

ATTENTION: Incorrectly applied or installed accessories can result in component damage or a reduction in product life. Wiring or application errors such as under sizing the motor, incorrect or inadequate AC supply, or excessive surrounding air temperatures can result in malfunction of the system.

Equivalent Frame Size

PowerFlex 755T products are assigned frame size designators. The designations represent the various configurations of IP00 kits and hardware components that are packaged in a specific manner to obtain the full range of product offerings and power ratings. For an explanation of how frame sizes are determined for your product, see PowerFlex 755TM IP00 Open Type Kits Installation Instructions, publication 750-IN101.

Power Module Density

PowerFlex 755TM Non-Regenerative Supply (NRS) modules are assigned single density (1X) or dual density (2X) designators. "Single density" and "dual density" refers to the power output capability of the available NRS modules. Dual density modules support twice the power output of a single density module and standard PowerFlex 755TM power module with the same physical module size. See the PowerFlex 755TM Non-Regenerative Supply User Manual, 750-UM100, for details.

IP00 Open Type Kits with XT Designation

All PowerFlex 755TM IP00 Open Type kits with corrosive gas protection (XT) meet the corrosive atmosphere specification as defined by Rockwell Automation (see Corrosive Atmosphere in the Environmental Specifications section).

The IP00 Open Type kits that are listed in this table do not meet the corrosive atmosphere specification. Do not install these kits in a PowerFlex 755T product installed in a corrosive environment. The kit catalog number and series are contained on the kit package label and/or nameplate.

Module	Catalog Number	Series
Fiber-optic cable	20-750-MFOC-*nxn*	A

IMPORTANT

For IP00 Open Type kits installed in an environment that contains volatile, conductive, or corrosive liquid, gases, and/or solids these conditions must be met:
- Kits must be installed in enclosures that provide for protection against solid and liquid ingress (IP21 / Type 1 or IP54 / Type 12)
- Kits must have corrosive gas protection (XT)
- Protective covers must be installed on unused connections

For IP00 Open Type kits that are stored before installation these conditions must be met:
- Kits must remain in the original packaging until the time of installation
- Kits must be stored in an area where exposure to corrosive atmosphere and humidity is minimized
- Kits must not be stored in environments that contain conductive pollutants

See the Industry Installation Guidelines for Pulse Width Modulated (PWM) AC Drives, publication DRIVES-AT003 for more information on environmental considerations.

Environmental Specifications

This section describes environmental specifications. For complete product specifications and derating guidelines, see the PowerFlex 755TM IP00 Open Type Kits Technical Data, publication 750-TD101.

Category	Specification
Relative humidity	5...95% noncondensing
Storage temperature	-40...+70 °C (-40...+158 °F)
Pollution degree	Accessory kits are designed to meet Pollution Degree 2 per UL61800-5-1.
Corrosive Atmosphere • ASTM B845-97 Method K Accelerated Test (30-day exposure) • Rockwell Automation proprietary accelerated corrosion test for industries with sources of gaseous sulfur compounds, including tire and rubber	Severity Level GX per ANSI/ISA 71.04-2013, Airborne contaminants-gases. Severity level GX is defined as up to 2100 angstroms of film growth per 30 days of copper or silver reactivity. Severity Level CX per IEC 60721-3-3: 2019, Chemically Active Substances. For the product to meet the corrosive atmosphere rating, these conditions must be met: • Keep the product or kit in its sealed XT packaging until installation. • Protective covers must remain installed in unused ports and connectors after the XT packaging seal is broken.

Accessories

We recommend using the following kits, which provide structural integrity, alignment of components, and proper airflow management within enclosures. Suitable substitutes can be used as long as they provide for structural integrity, alignment of components, and support airflow requirements for an enclosure. See the PowerFlex 755TM IP00 Open Type Kits Installation Instructions, publication 750-IN101, for details on these kits.

Ventilation Kits

Cat. No.	Cabinet Width *mm (in.)*	Cabinet Type	Enclosure Rating	Equivalent Frame Size	Used for NRS
20-750-MVENT1-F7M	800 (31)	Input / Power bay	IP21, Type 1	7	–
20-750-MVENT1-F7L	800 (31)	Input / Power bay	IP21, Type 1	7L	–
20-750-MVENT2-F7M	800 (31)	Input / Power bay	IP54, Type 12	7	–
20-750-MVENT1-F8M	400 (16)	Power bay	IP21, Type 1	8	–
20-750-MVENT1-F9M	600 (24)	Power bay	IP21, Type 1	8…15	–
20-750-MVENT1-F10M	800 (31)	Power bay	IP21, Type 1	8…15	–
20-750-MNVENT1	400 (16)	Power bay	IP21, Type 1	–	Yes
20-750-MNVENT2	400 (16)	Power bay	IP54, Type 12	–	Yes

Baffle Kits

Cat. No.	Cabinet Width *mm (in.)*	Cabinet Type	Equivalent Frame Size
20-750-MIBAF1-F8M	400 (16)	Power bay	8
20-750-MIBAF1-F9M	600 (24)	Power bay	9…15
20-750-MIBAF1-F10M	800 (31)	Power bay	8…15

Power and LCL Filter Module Floor and Support Bracket Kits

Cat. No.	Cabinet Width *mm (in.)*	Cabinet Type	Equivalent Frame Size	Used for NRS
20-750-MMNT1-F7M	800 (31)	Input / Power Bay	7	–
20-750-MMNT1-F7L	800 (31)	Input / Power Bay	7L	–
20-750-MMNT1-F8M	400 (16)	Power bay	8	–
20-750-MMNT1-F9M	600 (24)	Power bay	9…15	Yes
20-750-MMNT1-F10M	800 (31)	Power bay	8…15	Yes
20-750-MN-PNL4-NRS(1)	400 (16)	Power bay	–	Yes

(1) This kit includes the upper protective guard and hardware for an NRS power bay.

DC Precharge Module Mounting Bracket Kits

Cat. No.	Cabinet Width *mm (in.)*	Cabinet Type	Equivalent Frame Size
20-750-MDCMNT1-F8M	400 (16)	Power bay	8
20-750-MDCMNT1-M9M	600 (24)	Power bay	9, 11, 12, 14, 15
20-750-MDCMNT1-F10M	800 (31)	Power bay	10, 12, 13, 15

DC Link/Fuse Assembly Support Bracket Kits (NRS)

Cat. No.	Cabinet Width *mm (in.)*	Cabinet Type
20-750-MN-DCLS1-400	400 (16)	Power bay
20-750-MN-DCLS1-600	600 (24)	Power bay
20-750-MN-DCLS1-800	800 (31)	Power bay

Recommended Hardware

Rockwell Automation recommends that you use only the hardware included with each kit to be sure that all accessories are properly installation.

External Joining Hardware Kit for Rittal Cabinet

Cat. No.	Description
20-750-MEXTBAY1	Enclosure joining hardware

Bus Support and Divider Panel Kits (Right and Left Sides)

Cat. No.	Cabinet Position	Cabinet Type	Equivalent Frame Size	Used for NRS
20-750-MIPNL1-F8M	Upper	Power bay(1), Control bay, Regenerative bus supply input bay	8…15	–
20-750-MIPNL3-F8M	Upper	Regenerative drive power bay	8	–
20-750-MCPNL1-F8M	Lower	Power bay (line side converter)	8…15(2)	–
20-750-MIPNL2-F8M(3)	Lower	Power bay (motor side inverter)	8…15	–
20-750-MIBPNL1-F10M	Lower	Input bay	10…15	–
20-750-MWBPNL1-F8M	Upper and lower	Wire bay	8…15	–
20-750-MN-PNL1-NRS	Upper	Power bay	–	Yes
20-750-MN-PNL3-NRS	Lower	Power bay	–	Yes

(1) For frame 8 regenerative drive power bays, use kit cat. no. 20-750-MIPNL3-F8M.
(2) Cannot be used in a frame 8 power bay when an exit wire bay is installed.
(3) This kit includes kit cat. no. 20-750-MIPNL1-F8M, left and right side, upper bus support panels.

Extruded Bus Hardware Kit

This kit contains fastening hardware for extruded bus bar power connections.

Cat. No.	Item	Qty.
20-750-MHRDWR-BUS1	M10 x 1.5 x 35 mm carriage bolt	6
	M10 x 13.3 mm hexagonal nut and washer	6
	Rectangular clamp washer	6

Common Mode Core Kits

See the PowerFlex 755TM IP00 Open Type Kits Installation Instructions, publication 750-IN101, for details on these kits.

DC Common Mode Core Kit

Cat. No.	Quantity for Equivalent Frame Size								Use With
	8	9	10	11	12	13	14	15	
20-750-MDCCM1-F8M	1	2	3	4	5	6	8	10	DC link/fuse assembly

AC Common Mode Core Kit

Cat. No.	Quantity for Equivalent Frame Size									Use With
	7(1)	8	9	10	11	12	13	14	15	
20-750-MACCM1-F7M	3	–	–	–	–	–	–	–	–	Circuit breaker input / output
20-750-MACCM1-F8M	–	1	1	2	2	3	4	4	6	LCL filter modules

(1) Rockwell Automation is evaluating the ability to meet Category C2 compliance. Contact the factory for more information.

NRS Cabinet Door Sight and Overlay Labels

- Kit catalog number 20-750-MN-OVR-NRS is used for the Rittal TS8 NRS power bay door sight to view the main control board status indicators. The kit contains a clear adhesive label and adhesive overlay label to cover the door sight opening.

Fiber-optic Cable Kits

Rockwell Automation recommends using the following fiber-optic kits. Each kit contains the fiber-optic cable and fiber transceiver. See PowerFlex 755TM IP00 Open Type Kits Installation Instructions, publication 750-IN101, for details on these kits.

Cat. No.	Length, *mm (in.)*
20-750-MFOC-1K3	1300 (51)
20-750-MFOC-1K5	1500 (59)
20-750-MFOC-2K0	2000 (79)
20-750-MFOC-2K2	2200 (87)
20-750-MFOC-2K7	2700 (106)
20-750-MFOC-3K2	3200 (126)
20-750-MFOC-4K0	4000 (157)

Cat. No.	Length, *mm (in.)*
20-750-MFOC-4K6	4600 (181)
20-750-MFOC-5K4	5400 (213)
20-750-MFOC-6K0	6000 (236)
20-750-MFOC-6K8	6800 (268)
20-750-MFOC-7K4	7400 (291)
20-750-MFOC-7K8	7800 (307)
20-750-MFOC-8K3	8300 (327)

Circuit Breaker Mounting Panel Kits

Cat. No.	Cabinet Position	Cabinet Type	Equivalent Frame Size
20-750-MIBPNL2-F10M	Right and left side	Input bay	10...15
20-750-MIBPNL2-F11M	Right and left side	Input bay	10...15

Approximate Weights

The enclosure must support weight of all components. Approximate weights are provided for the following accessories, which weigh over 22.7 kg (50 lb).

Cat. No.	Weight *kg (lb)*
Circuit Breaker Mounting Panels	
20-750-MIBPNL2-F10M	42.2 (93)
20-750-MIBPNL2-F11M	40.8 (90)

Cat. No.	Weight *kg (lb)*
Divider Panels	
20-750-MIBPNL2-F8M	23.1 (51)
20-750-MN-PNL3-NRS	23.1 (51)

AC Precharge Circuit Breakers

The AC precharge circuit breaker kits exclude most of the wire-harnesses that are required for connections to other IP00 kits and components that are used in an AC precharge control circuit and must be customer-sourced.

Cat. No.	Equivalent Frame Size[1]	Voltage	Weight [kg (lb)]
20-750-MACPCCB-1K0	7, 7L	400/480/600/690V	11.0 (24.25)
20-750-MACPCCB-1K0-F8M	8		
20-750-MACPCCB-E-2K0	9	400/480/600V	73.0 (160.94)
	10	600V	
	13	600V	
20-750-MACPCCB-F-2K0	9	690V	73.0 (160.94)
	10		
	13		
20-750-MACPCCB-CDE-3K0	10	400/480V	73.0 (160.94)
	12	600V	
	13	400/480V	
	15	600V	
20-750-MACPCCB1-CD-4K0	11	400/480V	142.0 (313.1)
	14		
20-750-MACPCCB1-CD-5K0	12	400/480V	142.0 (313.1)
	15		
20-750-MACPCCB-E-2K5	11	600V	73.0 160.94)
	14		
20-750-MACPCCB-F-2K5	11	690V	73.0 (160.94)
	14		
20-750-MACPCCB-F-3K0	12	690V	73.0 (160.94)
	15		

(1) Frames 13, 14, and 15 require two AC precharge circuit breakers (one per input bay).

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