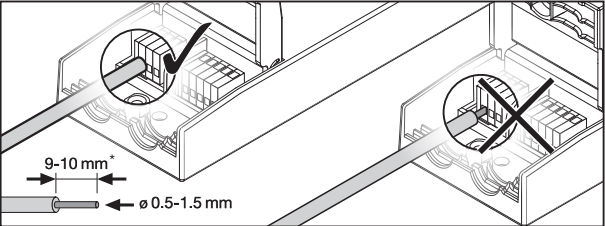
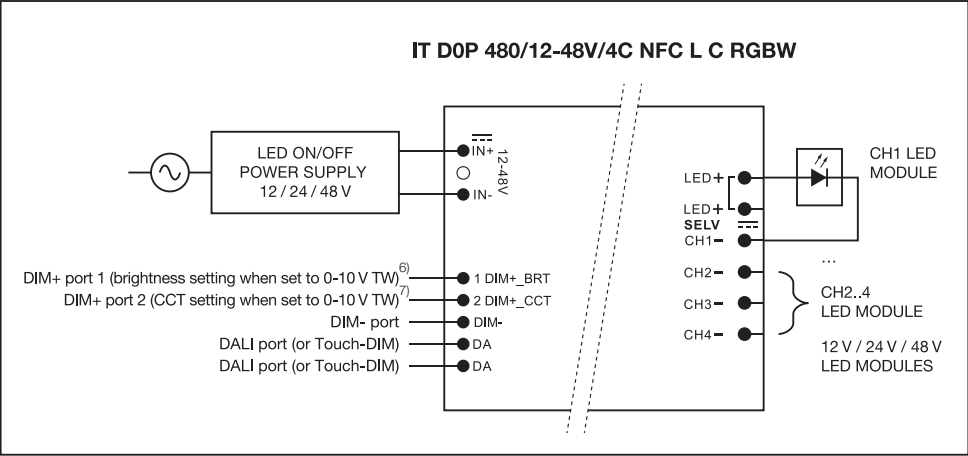
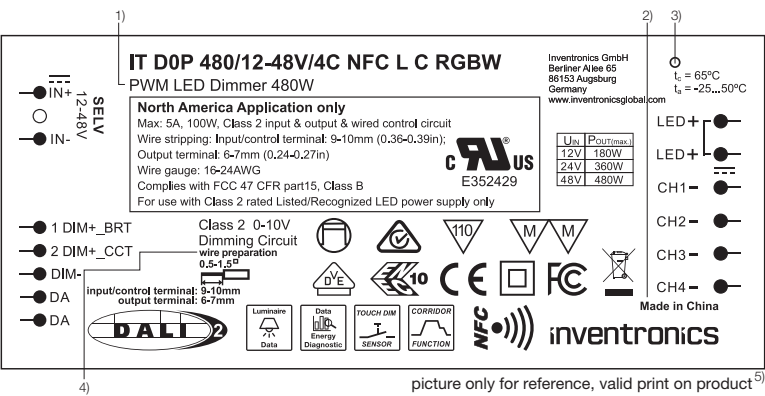


ICUTRONIC® LED Dimmer

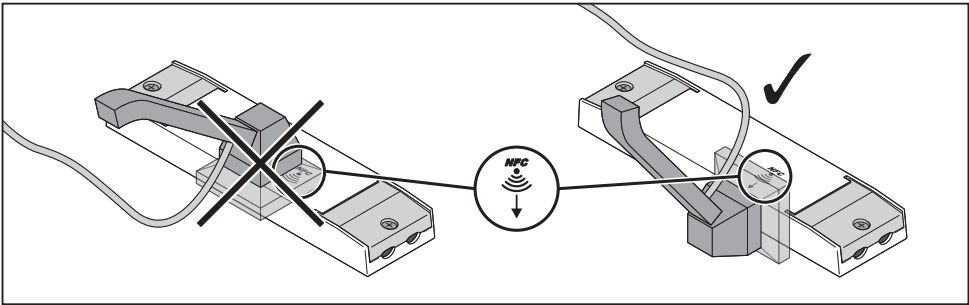
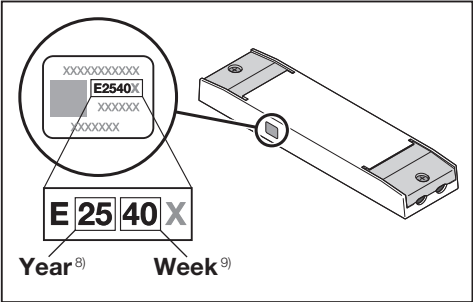
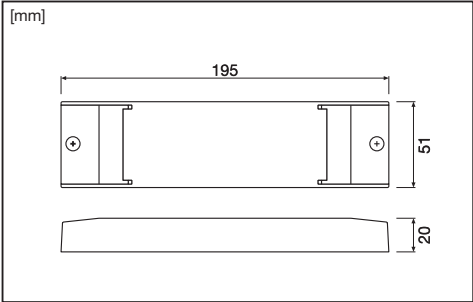
IT D0P 480/12-48V/4C NFC L C RGBW



The nominal cross-sectional area of external flexible cables or cords shall not be less than that shown in the table below: ²²⁾

Input / output current [A]	Nominal cable cross-section [mm ²]
≤ 3	0.5
3 < A ≤ 6	0.75
6 < A ≤ 10	1.0
10 < A ≤ 15	1.5

* Please make sure the wire conductor for IN+ and IN- has adequate contact with metal part of the terminal block and reliably retained by the terminal block. Insufficient contact may result in the input terminal burn due to overheat. ²¹⁾



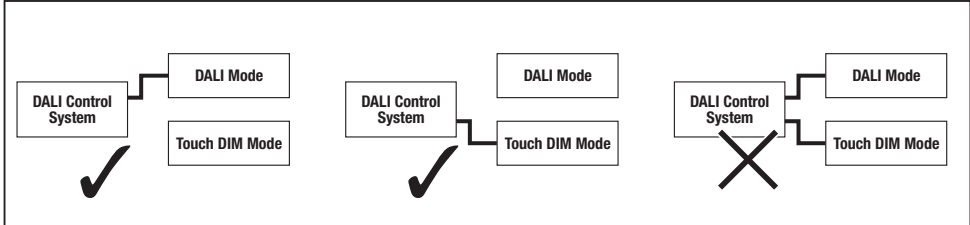
Output load range (per channel) ¹⁰⁾	Channels ¹¹⁾	DT6 and 0-10V			DT8 RGBW		
		12V	24V	48V	12V	24V	48V
	CH1	120W	240W	480W	120W	240W	480W
	CH2	120W	240W	480W	120W	240W	480W
	CH3	120W	240W	480W	120W	240W	480W
	CH4	120W	240W	480W	120W	240W	480W
	Total	180W	360W	480W	120W	240W	480W

Output current (per channel) ¹²⁾	Channels ¹¹⁾	DT6 and 0-10V			DT8 RGBW		
		12V	24V	48V	12V	24V	48V
	CH1	10A	10A	10A	10A	10A	10A
	CH2	10A	10A	10A	10A	10A	10A
	CH3	10A	10A	10A	10A	10A	10A
	CH4	10A	10A	10A	10A	10A	10A
	Total	15A	15A	10A	10A	10A	10A

Min load per channel ¹³⁾	1	A
Capacitive load ¹⁴⁾	1.0uF/1.0A	

Min each CH load > 1A¹⁵⁾
For max cable length, please refer to datasheet of the matching constant voltage driver in your system.¹⁶⁾

The IT D0P 480/12-48V/4C NFC L C RGBW is connected between an Inventronics constant voltage power supply and an LED-module. The permissible input voltage and temperature range of the dimmer must not be exceeded. Connect only 12V, 24V or 48V LED load and power supplies to the IT D0P 480/12-48V/4C NFC L C RGBW.¹⁷⁾



Programmable dimming modes¹⁸⁾

Dimming Mode ¹⁹⁾		Channels ¹¹⁾
1x DT6	1 output	Addr.1: CH1
2x DT6	2 independent outputs	Addr.1: CH1, Addr.2: CH2
3x DT6	3 independent outputs	Addr.1: CH1, Addr.2: CH2, Addr.3: CH3
4x DT6*	4 independent outputs*	Addr.1: CH1, Addr.2: CH2, Addr.3: CH3, Addr.4: CH4*
4sync DT6	4 synchronised outputs	Addr.1: CH1, CH2, CH3, CH4
DT8 RGBW	RGBW	CH1: R; CH2: G; CH3: B; CH4: W
DT8 TW	TW	CH1: Cold; CH2: Warm
2x DT8	2xTW	Addr.1: CH1: Cold, CH2: Warm Addr.2: CH3: Cold, CH4: Warm
D2W	DIM to Warm	Addr.1: CH1: Cold, CH2: Warm Addr.2: CH3: Cold, CH4: Warm
2x D2W	2x DIM to Warm	Addr.1: CH1: Cold, CH2: Warm Addr.2: CH3: Cold, CH4: Warm
Touch DIM	4 synchronised outputs	
2x Touch DIM	TW Touch DIM	TD1 (CH1) / TD2 (CH2)
Touch DIM D2W	DIM to Warm output	Cold: CH1; Warm: CH2
2x Touch DIM D2W	2x DIM to Warm output	TD1: Cold (CH1) / Warm (CH2) TD2: Cold (CH3) / Warm (CH4)
Touch DIM TW	Tunable White	Cold (CH1) / Warm (CH2)
Corridor Functionality	4 synchronised outputs	
0-10V	4 synchronised outputs	DIM1: CH1 + CH2 + CH3 + CH4
0-10V negative logic	4 synchronised outputs	DIM1: CH1 + CH2 + CH3 + CH4
0-10V 2x2	2x2 synchronised outputs	DIM1: CH1 + CH2; DIM2: CH3 + CH4
0-10V 2x2 negative logic	2x2 synchronised outputs	DIM1: CH1 + CH2; DIM2: CH3 + CH4
0-10V D2W	DIM to Warm output	DIM1: Cold (CH1 + CH3) / Warm (CH2 + CH4)
0-10V 2xD2W	2xDIM to Warm output	DIM1: Cold (CH1) / Warm (CH2) DIM2: Cold (CH3) / Warm (CH4)
0-10V TW	Tunable White	Cold (CH1 + CH3) / Warm (CH2 + CH4)

* factory default²⁰⁾

®) 1) Pulse Width Modulation LED Dimmer 480W; 2) Made in China; 3) t_c point; 4) wire preparation; 5) picture only for reference, valid print on product; 6) brightness setting when set to 0-10V TW; 7) Correlated color temperature setting when set to 0-10V TW; 8) Year; 9) Week; 10) Output load range (per channel); 11) Channels; 12) Output current (per channel); 13) Min load per channel; 14) Capacitive load; 15) Min each channel load > 1A; 16) For max cable length, please refer to datasheet of the matching constant voltage driver in your system. 17) The IT D0P 480/12-48V/4C NFC L C RGBW is connected between an Inventronics constant voltage power

supply and an LED-module. The permissible input voltage and temperature range of the dimmer must not be exceeded. Connect only 12V, 24V or 48V LED load and power supplies to the IT D0P 480/12-48V/4C NFC L C RGBW. 18) Programmable dimming modes; 19) Dimming Mode; 20) factory default; 21) Please make sure the wire conductor for IN+ and IN- has adequate contact with metal part of the terminal block and reliably retained by the terminal block. Insufficient contact may result in the input terminal burn due to overheating. 22) The nominal cross-sectional area of external flexible cables or cords shall not be less than that shown in the table below

(D) 1) Pulsweitenmodulation LED Dimmer 480 W; 2) Hergestellt in China; 3) t_c-Punkt 4) Drahtvorbereitung; 5) Foto dient nur als Referenz, gültiger Aufdruck auf dem Produkt; 6) Helligkeitseinstellung bei Einstellung auf 0-10 V TW; 7) Korrelierte Farbtemperatur-einstellung bei Einstellung auf 0-10 V TW; 8) Jahr; 9) Woche; 10) Ausgangsbelastungs-bereich (pro Kanal); 11) Kanäle; 12) Ausgangsstrom (pro Kanal); 13) Mindestlast (pro Kanal); 14) Kapazitive Last; 15) Mindestlast pro Kanal > 1A; 16) Die maximale Kabellänge entnehmen Sie bitte dem Datenblatt des passenden Konstantspannungs-Treibers in Ihrem System. 17) Der IT DOP 480/12-48V/4C NFC L C RGBW wird zwischen einem Inventronics-Konstantspannungsnetzteil und einem LED-Modul angeschlossen. Die zulässige Eingangsspannung und der zulässige Temperaturbereich des Dimmers dürfen nicht überschritten werden. Schließen Sie nur 12V, 24V oder 48V LED-Lampen und -Netzele an den IT DOP 480/12-48V/4C NFC L C RGBW an. 18) Programmierbare Dimmmodi; 19) Dimmmodus; 20) Werksleistung; 21) Stellen Sie sicher, dass die Leiterdrähte für IN+ und IN- einen ausreichenden Kontakt mit dem Metallteil des Klemmenblocks haben und zuverlässig vom Klemmenblock gehalten werden. Ein unzureichender Kontakt kann aufgrund von Überhitzung zu einem Durchbrennen der Eingangsleiter führen. 22) Der Nennquerschnitt von externen flexiblen Kabeln oder Leitungen darf nicht kleiner sein als in der folgenden Tabelle angegeben

(E) 1) Pulse Width Modulation LED Dimmer 480W; 2) Fabrique en Chine; 3) Point T_c; 4) préparation du câble; 5) image non contractuelle, se référer aux inscriptions sur le produit; 6) brightness setting when set to 0-10V TW; 7) Correlated color temperature setting when set to 0-10V TW; 8) Year; 9) Week; 10) Output load range (per channel); 11) Channels; 12) Output current (per channel); 13) Min load per channel; 14) Capacitive load; 15) Min each channel load > 1A; 16) For max cable length, please refer to datasheet of the matching constant voltage driver in your system. 17) The IT DOP 480/12-48V/4C NFC L C RGBW is connected between an Inventronics constant voltage power supply and an LED-module. The permissible input voltage and temperature range of the dimmer must not be exceeded. Connect only 12V, 24V or 48V LED load and power supplies to the IT DOP 480/12-48V/4C NFC L C RGBW. 18) Programmable dimming modes; 19) Dimming Mode; 20) factory default; 21) Veuillez vous assurer que le conducteur des fils IN+ et IN- est correctement en contact avec la partie métallique du bornier et qu'il est bien maintenu par celui-ci. 22) La section nominale des câbles ou cordons flexibles externes ne doit pas être inférieure à celle indiquée dans le tableau ci-dessous

(I) 1) Gradateur LED à modulation de largeur d'impulsion 480W; 2) Prodotto in Cina; 3) Punto t_c; 4) preparazione del cavo; 5) immagine solo come riferimento, stampa valida sul prodotto; 6) Réglage de la luminosité lorsqu'il est réglé sur 0-10 V TW; 7) Réglage de la température de couleur corrélée lorsqu'il est réglé sur 0-10 V TW; 8) Année; 9) Semaine; 10) Plage de charge de sortie (par canal); 11) Canaux; 12) Courant de sortie (par canal); 13) Charge minimale par canal; 14) Charge capacitive; 15) Charge minimale par canal > 1A; 16) Pour la longueur maximale du câble, veuillez vous reporter à la fiche technique du driver à tension constante correspondant à votre système. 17) L'IT DOP 480/12-48V/4C NFC L C RGBW est connecté entre une alimentation à tension constante Inventronics et un module LED. La tension d'entrée et la plage de température admissibles du gradateur ne doivent pas être dépassées. Ne connectez que des charges LED et des alimentations 12 V, 24 V ou 48 V à l'IT DOP 480/12-48V/4C NFC L C RGBW. 18) Modes de gradation programmables; 19) Mode de gradation; 20) Réglage d'usine par défaut; 21) Assicurarsi che il conduttore del cavo per IN+ e IN- abbia un contatto adeguato con la parte metallica della morsetteria e sia fissato in modo affidabile alla morsetteria. Un contatto insufficiente può causare la bruciatura del terminale di ingresso a causa del surriscaldamento. 22) L'area della sezione trasversale nominale del cavo flessibile esterno o dei cordoni non deve essere inferiore a quella indicata nella tabella seguente

(NL) 1) Pulsbreedtemodulatie LED-dimmer 480 W; 2) Geproduceerd in China; 3) t_c-punt; 4) draadvorbereiding; 5) afbeelding slechts ter informatie, zie geldig stempel op product; 6) Helderheidsinstelling bij instelling op 0-10 V TW; 7) Geïntegreerde kleurtemperatuurinstelling bij instelling op 0-10 V TW; 8) Jaar; 9) Week; 10) Uitgangsbelastingbereik (per kanaal); 11) Kanalen; 12) Uitgangsstroom (per kanaal); 13) Min. belasting per kanaal; 14) Capacitieve belasting; 15) Min. belasting per kanaal > 1A; 16) Raadpleeg het gegevensblad van de bijbehorende constante spanningsdriver in uw systeem voor de maximale kabel lengte. 17) De IT DOP 480/12-48V/4C NFC L C RGBW wordt aangesloten tussen een Inventronics constante spanningsvoeding en een LED-module. De toegestane ingangsspanning en het temperatuurbereik van de dimmer mogen niet worden overschreden. Sluit alleen 12V, 24V of 48V LED-belastingen in voedingen aan op de IT DOP 480/12-48V/4C NFC L C RGBW. 18) Programmeerbare dimmodi; 19) Dimmodus; 20) Fabrieksinstelling; 21) Zorg ervoor dat de draadgeleiders voor IN+ en IN- voldoende contact maakt met het metaal deel van het aansluitblok en goed vastzit in het aansluitblok. Onvoldoende contact kan leiden tot oververhitting en brandschade aan de ingangsaansluiting. 22) De nominale doorsnede van externe flexibele kabels of snoeren mag niet kleiner zijn dan aangegeven in de onderstaande tabel

(PL) 1) Ściemniacz LED z modulacją szerokości impulsu 480 W; 2) Wyprodukowano w Chinach; 3) punkt pomiaru temperatury T_c; 4) przygotowanie przewodu; 5) Obraz służy jedynie jako przykład, obowiązujący nadruk znajduje się na produkcie; 6) ustawienie jasności przy ustawieniu 0-10 V TW; 7) ustawienie skorelowanej temperatury barwowej przy ustawieniu 0-10 V TW; 8) rok; 9) tydzień; 10) zakres obciążenia wyjściowego (na kanał); 11) kanały; 12) prąd wyjściowy (na kanał); 13) Minimalne obciążenie na kanał; 14) Obciążenie pojemnościowe; 15) Minimalne obciążenie każdego kanału > 1A; 16) Informacje na temat maksymalnej długości kabla można znaleźć w karcie katalogowej odpowiedniego sterownika stałoprądowego w systemie. 17) IT DOP 480/12-48V/4C NFC L C RGBW jest podłączony między zasilaczem stałoprądowym Inventronics a modulem LED. Nie wolno przekraczać dopuszczalnego napięcia wejściowego i zakresu temperatur ściemniacza. Do IT DOP 480/12-48V/4C NFC L C RGBW należy podłączyć wyłącznie obciążenia LED 12V, 24V lub 48V oraz zasilacze. 21) Upewnij się, że przewody IN+ i IN- mają odpowiedni kontakt z metalową częścią listwy zaciskowej i są dobrze przymocowane do listwy zaciskowej. Niewystarczający kontakt może spowodować przegrzanie zacisku wyjściowego. 22) Nominalna powierzchnia przekroju poprzecznego zewnętrznych elastycznych kabli lub przewodów nie może być mniejsza niż podano w poniższej tabeli

(TR) 1) Darbe Genişlik Modülasyonu LED Dimmer 480W; 2) Çin'de üretilmiştir; 3) t_c ölçüm noktası; 4) kablo kurulumu; 5) resim yalnızca referans amaçlıdır, geçerli baskı ürün üzerindedir; 6) 0-10V TW ayarlandığında parlaklık ayarı; 7) 0-10V TW ayarlandığında ilişkili renk sıcaklığı ayarı; 8) Yıl; 9) Hafta; 10) Çıkış yük aralığı (kanal başına); 11) Kanallar; 12) Çıkış akımı (kanal başına); 13) Kanal başına minimum yük; 14) Kapasitif yük; 15) Her kanal için minimum yük > 1A; 16) Maksimum kablo uzunluğu için lütfen sistemimizdeki uygun sabit voltaj sürücüsünün veri sayfasına bakın. 17) IT DOP 480/12-48V/4C NFC L C RGBW, Inventronics sabit voltaj gücü kaynağı ile LED modülü arasına bağlanır. Dimmer'in izin verilen giriş voltajı ve çıkış kabloları asılamazdır. IT DOP 480/12-48V/4C NFC L C RGBW'ye yalnızca 12V, 24V veya 48V LED yükü ve güç kaynakları bağlayın. 18) Programlanabilir karartma modları; 19) Karartma Modu; 20) fabrika varsayılmalı; 21) IN+ ve IN- için tel letkeninin terminal bloğunun metal parçasıyla yeterli teması olduğundan ve terminal bloğu tarafından güvenli bir şekilde tutulduğundan emin olun. Yeterli temas, ağırlı ısıma nedeniyle giriş terminalinin yanmasına neden olabilir. 22) Harici esnek kablolar veya kordonların nominal kesit alanı, aşağıdaki tablodaki gösterilenden az olmalıdır

(TR) Inventronics Turkey Teknoloji Ticaret Limited Şirketi, Büyükdere Cad. Bahar Sok. River Plaza No: 13/5 Sisli 34394 İstanbul, Turkey

(PL) Inventronics Poland Sp. z o.o., Al. Jerozolimskie 94, 00-807 Warszawa, Poland

(NL) Forgalmazó: Inventronics Netherlands B.V., Polluxstraat 21, 5047RA Tilburg

(NL) Inventronics Netherlands B.V., Polluxstraat 21, 5047RA Tilburg

(NL) Εισαγωγέας: Inventronics Netherlands B.V., Polluxstraat 21, 5047RA Tilburg

(NL) Uvoznik: Inventronics Netherlands B.V., Polluxstraat 21, 5047RA Tilburg

(NL) Инвентроникс Нидерландия Б.В., Полукстраат 21, 5047 РА Тилбург

(NL) Inventronics Guangzhou Technology Limited; Room 1105, Clifford Corporate Center Building, No. 15, Fuhua Road, Clifford Estate Panyu, Guangzhou,

Guangdong province, China, Postal code: 511496

广州英飞特科技有限公司; 广州市番禺区钟村街祈福新邨福华路15号祈福集团中心1105室 邮编: 511496

(NL) INVENTRONICS MALAYSIA SDN. BHD., Kuala Lumpur, Penang, Tower A Vertical Business Suite

(NL) Inventronics Korea Inc, Seoul, Yeongdong-daero 417

(NL) 인베트로닉스 코리아 유한회사, 서울특별시 강남구 테헤란로25길 6-9, 6층 674호

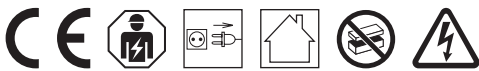
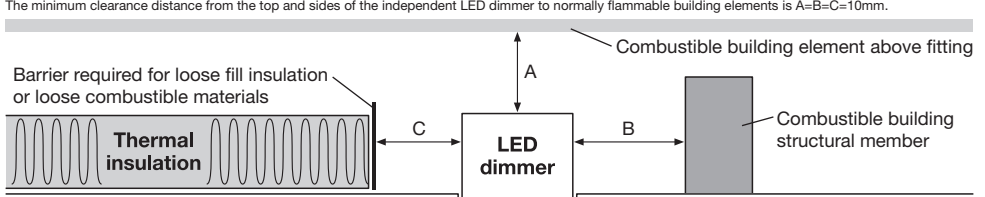
(NL) INVENTRONICS (HONG KONG) LIMITED, Room 30-108C, 29/F, Tower 5, The Gateway, 15 Canton Road, Tsim Sha Tsui, Hong Kong

(NL) INVENTRONICS SSL India Private Limited, 4th and 5th floor, B Wing, Sky-Height, Valpeer Road, Kalyan West Kalyan City, Thane, Kalyan, Maharashtra-421301

(NL) 2825 Tulsa Avenue, Oklahoma City, OK 73108, USA

(NL) 2825 Tulsa Avenue, Oklahoma City, OK 73108, USA

(NL) WARNING: DALI, 0/1-10V (FELV) control terminals are not safe to touch. Circuits connected to any DALI, 0/1-10V (FELV) control terminal shall be insulated for the LV supply voltage of the control gear, and any terminals connected to the DALI, 0/1-10V (FELV) circuits shall be protected against accidental contact. IT DOP 480/12-48V/4C NFC L C RGBW classified as "Non-IC": The independent LED dimmer cannot be abutted against or covered by normally flammable materials or used in installations where building insulation or debris is, or may be, present in normal use. No use for residential installations. The minimum clearance distance from the top and sides of the independent LED dimmer to normally flammable building elements is A=B=C=10mm.



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Inventronics GmbH
Berliner Allee 65
86153 Augsburg
Germany
www.inventronicsglobal.com