

(en) Electric current! Danger to life!
Only skilled or instructed persons may carry out the following operations.

(de) Lebensgefahr durch elektrischen Strom!

Nur Elektrofachkräfte und elektrotechnisch unterwiesene Personen dürfen die im Folgenden beschriebenen Arbeiten ausführen.

(fr) Tension électrique dangereuse !

Seules les personnes qualifiées et averties doivent exécuter les travaux ci-après.

(es) ¡Corriente eléctrica! ¡Peligro de muerte!

El trabajo a continuación descrito debe ser realizado por personas cualificadas y advertidas.

(it) Tensione elettrica: Pericolo di morte!

Solo persone abilitate e qualificate possono eseguire le operazioni di seguito riportate.

(zh) 触电危险!

只允许专业人员和受过专业训练的人员进行下列工作。

(ru) Электрический ток! Опасно для жизни!

Только специалисты или проинструктированные лица могут выполнять следующие операции.

(nl) Levensgevaar door elektrische stroom!

Uitsluitend deskundigen in elektriciteit en elektrotechnisch geïnstrueerde personen is het toegestaan, de navolgend beschreven werkzaamheden uit te voeren.

(da) Livsfare på grund af elektrisk strøm!

Kun uddannede el-installatører og personer der er instruerede i elektrotekniske arbejdsopgaver, må udføre de nedenfor anførte arbejder.

(el) Προσοχή, κίνδυνος ηλεκτροπληξίας!

Οι εργασίες που αναφέρονται στη συνέχεια θα πρέπει να εκτελούνται μόνο από ηλεκτρολόγους και ηλεκτροτεχνίτες.

(pt) Perigo de vida devido a corrente eléctrica!

Apenas electricistas e pessoas com formação electotécnica podem executar os trabalhos que a seguir se descrevem.

(sv) Livsfara genom elektrisk ström!

Endast utbildade elektriker och personer som undervisats i elektroteknik får utföra de arbeten som beskrivs nedan.

(fi) Hengenvaarallinen jännite!

Vain pätevät sähköasentajat ja opastusta saaneet henkilöt saavat suorittaa seuraavat työt.

(cs) Nebezpečí úrazu elektrickým proudem!

Níže uvedené práce směřjí provádět pouze osoby s elektrotechnickým vzděláním.

(et) Eluohhtlik! Elektrilöögiht!

Järgnevalt kirjeldatud töid tohib teostada ainult elektriala spetsialist või elektrotehnilise instrueerimise läbinud personal.

(hu) Életveszély az elektromos áram révén!

Csak elektromos szakemberek és elektrotechnikában képzett személyek végezhetik el a következőkben leírt munkákat.

(lv) Elektriskā strāva apdraud dzīvību!

Tālāk aprakstītos darbus drīkst veikt tikai elektrospeciālisti un darbam ar elektrotehnikām iekārtām instruētās personas!

(lt) Pavojus gyvybei dėl elektros srovės!

Tik elektrikai ir elektrotechnikos specialistai gali atlikti žemiau aprašytus darbus.

(pl) Porażenie prądem elektrycznym stanowi zagrożenie dla życia!

Opisane poniżej prace mogą przeprowadzać tylko wykwalifikowani elektrycy oraz osoby odpowiednio poinstruowane w zakresie elektrotechniki.

(sl) Življenjska nevarnost zaradi električnega toka!

Spodaj opisana dela smejo izvajati samo elektrostrokovnjaki in elektrotehnično poučene osebe.

(sk) Nebezpečenstvo ohrozenia života elektrickým prúdom!

Práce, ktoré sú nižšie opísané, smú vykonávať iba elektroodborníci a osoby s elektrotechnickým vzdelaním.

(bg) Опасност за живота от електрически ток!

Операциите, описани в следващите раздели, могат да се извършват само от специалисти-електротехници и инструктиран електротехнически персонал.

(ro) Atenție! Pericol electric!

Toate lucrările descrise trebuie efectuate numai de personal de specialitate calificat și de persoane cu cunoștințe profunde în electrotehnică.

(hr) Опасност по живот uslijed električne struje!

Radove opisane u nastavku smiju obavljati samo stručni električari i osobe koje su prošle elektrotehničku obuku.

(tr) Elektrik akımı! Hayati tehlike!

Aşağıdaki işlemleri yalnızca kalifiye veya eğitimli kişiler gerçekleştirebilir.

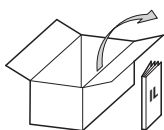
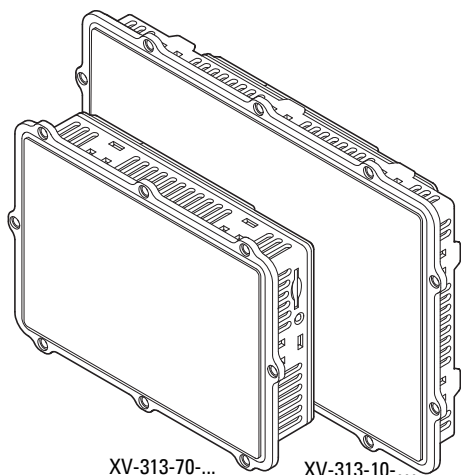
(uk) Електричний струм! Небезпечно для життя!

Виконувати означені далі операції дозволяється тільки кваліфікованим особам, що пройшли інструктаж.

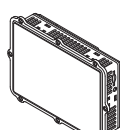
(ar) تحذیر! تيار كهربائي! خطر موت! لا تتم أعمال الصيانة و التركيب إلا من قبل العاملين المدربين!

XV-313-...

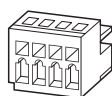
XV-313-70-..., XV-313-10-...



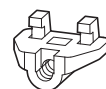
1x XV-313-...



● 0.75-2.5 mm²,
AWG 18-12
1x MSTB 2,5/3-ST-5,08
(Phoenix Contact)



● 0.2-1.5 mm²,
AWG 24-16
only
XV-313-xx-xEx-...
1x WAGO 734-104



IP65/NEMA
(indoor use only –
à l'intérieur seulement)



● 2 mm (5/64")
M4 x 25 DIN 916
M ≤ 0.1 Nm (0.86 lb-in)



Eaton.com/documentation
MN048017...
Eaton.com/xv300



(en) Documentation must be consulted.



(de) Dokumentation muss konsultiert werden.

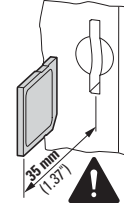
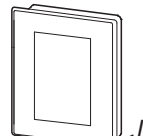
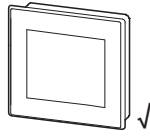
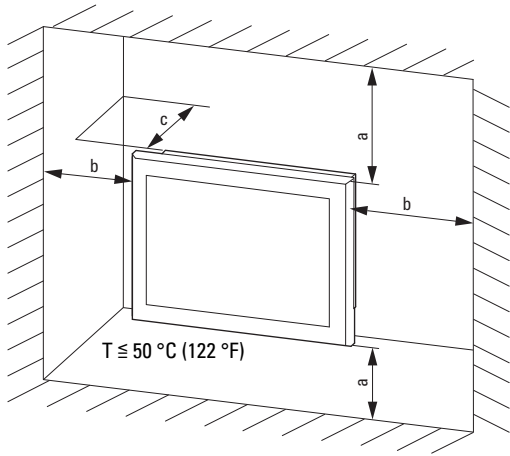


(fr) Documentation doivent être consultes.

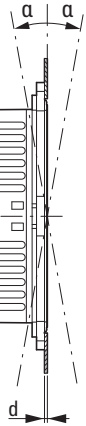


7.0" 10" 15"
6x 10x 12x

Mounting position

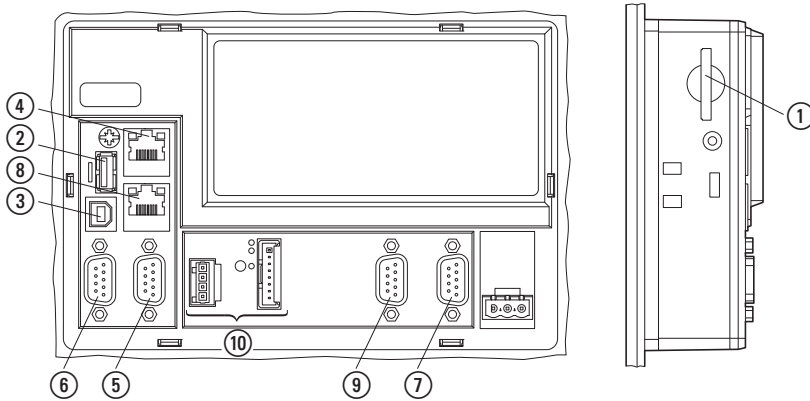


$\alpha = \max. 45^\circ$



	≤ 0.5 (0.02)
mm (in)	
	$Rz \leq 120$, IP65: → DIN ISO 2768-2 (K)
a, b, c	≥ 30 mm (1.18")
XV-313-...-A00-...	
d	1,5 mm (0.059") \pm 0.1 mm (0.004")
XV-313-...-A11-...	
d	2 mm (0.079") \pm 0.1 mm (0.004")

Interface



XV-313-...

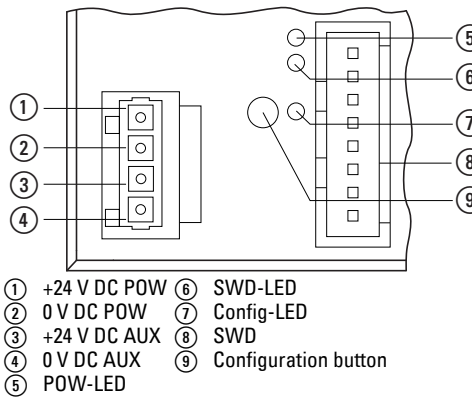
①	SD-Slot	
②	USB-Host	USB 2.0, Typ A
③	USB-Device	USB 2.0, Typ B
④	Ethernet 1	RJ-45
⑤	RS-485	SUB-D
⑥	RS-232	SUB-D
⑦	CAN	SUB-D
⑧	Ethernet 2 ¹⁾	RJ-45
⑨	Profibus ¹⁾	SUB-D
⑩	SmartWire-DT ¹⁾	

1) if provided

RS-232, RS-485, CAN, Profibus

Pin	RS-232	RS-485	CAN	Profibus
1	DCD	–	–	–
2	RxD	–	CAN-L	–
3	TxD	B	CAN-GND	B
4	DTR	–	–	RTSAS
5	GND	Ground	–	M5EXT
6	DSR	–	GND	P5EXT
7	RTS	A	CAN-H	–
8	CTS	–	–	A
9	RI	–	–	–

SmartWire-DT



- ① +24 V DC POW
- ② 0 V DC POW
- ③ +24 V DC AUX
- ④ 0 V DC AUX
- ⑤ POW-LED
- ⑥ SWD-LED
- ⑦ Config-LED
- ⑧ SWD
- ⑨ Configuration button

Standard connection

GND

➔ Connect the GND terminals on all the bus modules.

Support

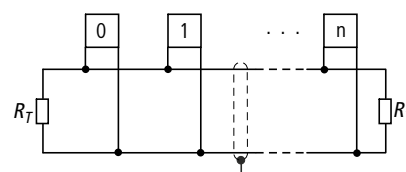
Region North America

Eaton Corporation
Electrical Sector
1111 Superior Ave.
Cleveland, OH 44114
United States
877-ETN-CARE (877-386-2273)
Eaton.com

Other regions
Contact your local supplier or

Andere Regionen
Kontaktieren Sie Ihren lokalen
Lieferanten oder

Autres régions :
contactez votre représentant local ou
 automation@eaton.com

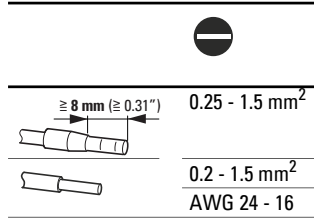
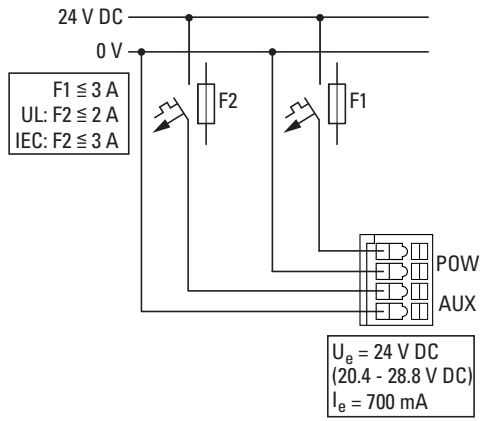


	CANopen	Profibus
R_T	120 Ω	120 Ω
	ISO 11898	Profibus Specification

SmartWire-DT

XV-313-xx-xEx-...

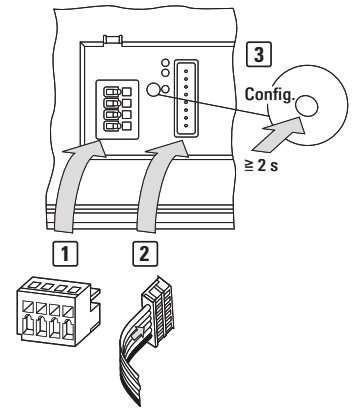
POW/AUX SmartWire-DT



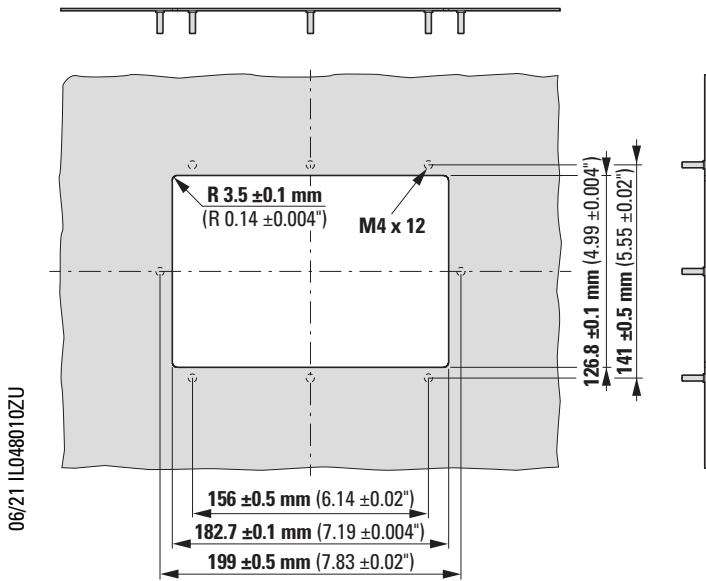
Eaton.com/documentation
MN05006001Z...
MN05006002Z...
MN120006...
Eaton.com/swd

SWD-OUT POW OFF

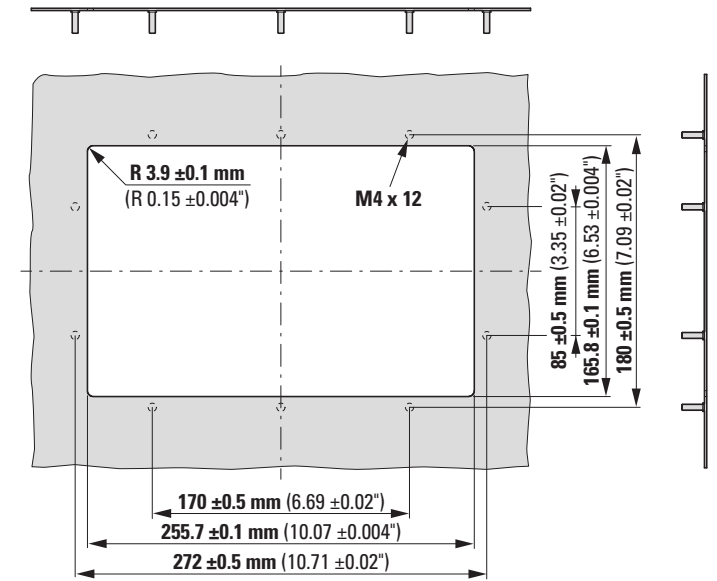
SWD-Config POW ON



Mounting

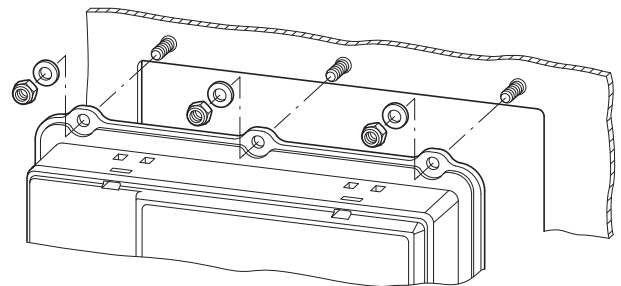


XV-313-70...



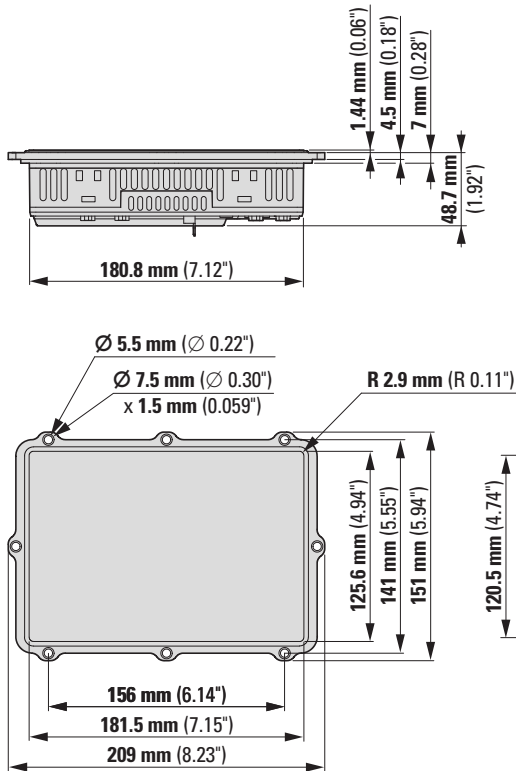
XV-313-10...

XV-313-...	7.0"	10.1"
M4 x 12	8 x	10 x
$d_a = 11.5$ mm (0.45")	8 x	10 x
$d_a = 11.5$ mm (0.45")	8 x	10 x

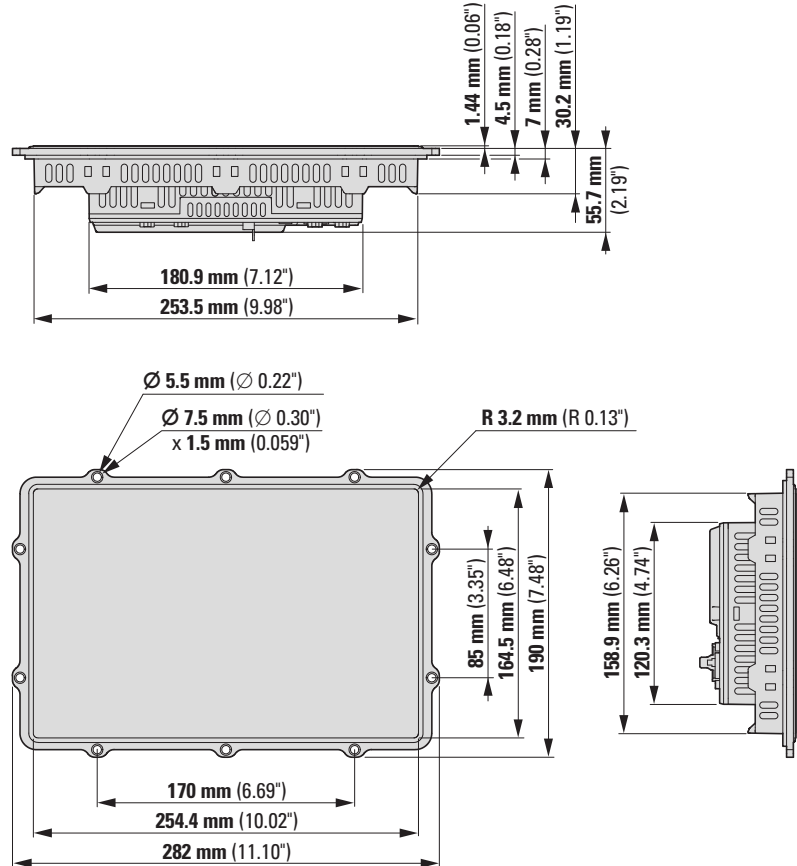


Dimensions

XV-313-70-...-A00-...

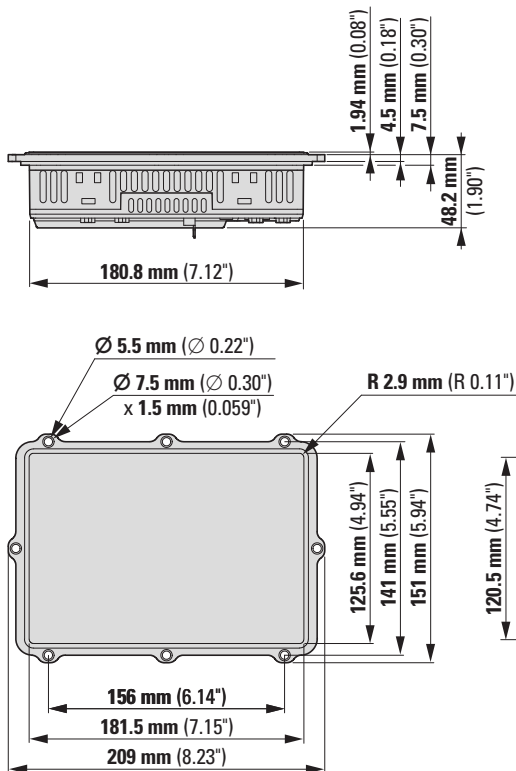


XV-313-10-...-A00-...

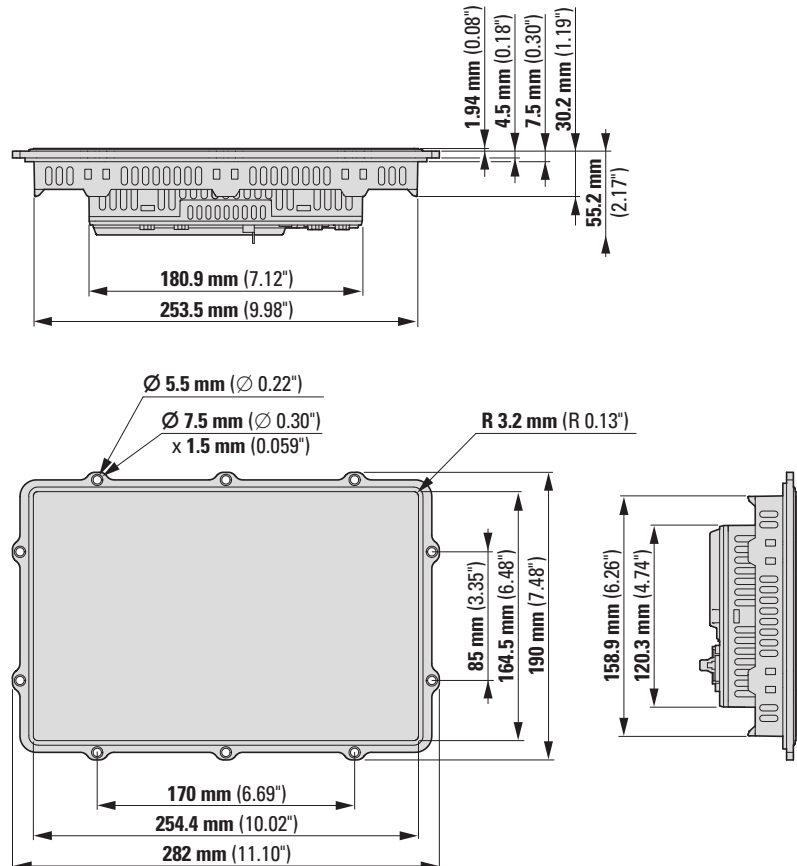


XV-313-70-...-A11-...

06/21 IL048010ZU



XV-313-10-...-A11-...



Doc. No.: CE2100273

EU-Konformitätserklärung

EU declaration of conformity

Wir / We Eaton Industries GmbH, 53105 Bonn, Germany,
Hein-Moeller-Str. 7-11, 53115 Bonn, Germany

erklären hiermit in alleiniger Verantwortung als Hersteller, dass das Produkt (die Produktfamilie)
declare under our sole responsibility as manufacturer that the product (family)

HMI-PLC XV300
HMI-PLC XV300

entsprechend der Auflistung auf Seite 2 und vorausgesetzt, dass es unter
Betrücksichtigung der Herstellerangaben, relevanten Einbauanweisungen und
"anerkannten Regeln der Technik" installiert, gewartet und in den
dafür vorgesehenen Anwendungen verwendet wird,

according to the list on page 2 and provided that it is installed, maintained and used in the application intended for,
with respect to the relevant manufacturer's instructions, installation standards and "good engineering practices",

den einschlägigen Bestimmungen der Richtlinie(n) des Rates entspricht:
complies with the provisions of Council directive(s):

2014/30/EU *EMV-Richtlinie / EMC Directive*
2011/65/EU *RoHS-Richtlinie / RoHS Directive*
2014/34/EU *ATEX-Richtlinie / ATEX Directive*

und mit den folgenden Normen übereinstimmt:
based on compliance with the following standard(s):

EN 60079-31:2014
EN 61000-6-2:2005 + AC:2005
EN 61000-6-4:2007 + A1:2011
EN IEC 60079-0:2018
EN IEC 63000:2018

Kennzeichnung:  II 3D Ex tc IIIC T70°C IP6x
Marking:

Bonn, 18.06.2021



i.A. Edgar Willems
Director Quality
Industrial Controls & Protection Division



Powering Business Worldwide



i.A. Paolo D'Amico
Head of Product Line Management
Machine Operation & Control

Seite/page 1 / 2

Doc. No.: CE2100273

Typen des Sortiments

Types within the range

Die Konformitätserklärung gilt für folgende Typen der Produktfamilie
und in Kombination mit den darunter folgenden Produkten:
The declaration of conformity applies to the following types within the product family
and in combination with products listed below:

XV-303
XV-313

Bonn, 18.06.2021



i.A. Edgar Willems
Director Quality
Industrial Controls & Protection Division



Powering Business Worldwide



i.A. Paolo D'Amico
Head of Product Line Management
Machine Operation & Control

Seite/page 2 / 2