| ibited. | 1 2 3 4 | 5 | 6 7 | 8 |
|--|---|--|---|---|
| ell as the ion is prot | Modular Analyzing System Protos Type 3400X */*** and Protos II Type 4400X */*** | Non-Ex | Zone 1/21 or Zone 2/22 or Div 2 | Zone 0/20 or Div 1 |
| The reproduction, distribution and utilization of this document as well as the communication of its contents to others without explicit authorization is prohibited B | Hazardous Location Enclosure NEMA Type 4X, IP 65 Tamb = -20 °C to 50 °C Base 3400X */*** or 4400X */***, Front 4400X *-01* Class I, Zone 1, AEx eb ib mb [ia Ga] Group IIC T4 Gb (US) Class I, Joine 1, Ex eb ib mb [ia Ga] Group IIC T4 Gb (CA) NI Class I, Joine 1, Ex eb ib mb [ia Ga] Group IIC T4 Gb (US) Class I, Zone 1, AEx ec ib mb [ia Ga] Group IIC T4 Gb (US) Class I, Zone 1, Ex eb ib mb [ia Ga] Group IIC T4 Gb (US) Class I, Zone 1, Ex ec ib mb [ia Ga] Group IIC T4 Gb (US) Class I, Zone 1, Ex ec ib mb [ia Ga] Group IIC T4 Gb (CA) NI Class I, Division 2, Groups ABCD T4 NI Class I, Division 1, Group JIC T4 Gb (US) Class I, Zone 1, Ex to [ia Ga] Group IIC T4 Gb (US) Class I, Zone 1, Ex to [ia Ga] Group IIC T4 Gb (US) Class I, Zone 1, Ex to [ia Ga] Group IIC T4 Gb (CA) NI Satox-ta*, PHU 3400X-ta*, PHU 3400X-ta*, COND 3400X-ta*, MS 3400X-ta* Class I, Zone 1, Ex to [ia Ga] Group IIC T4 Gb (CA) IS Class I, Jone 1, Ex to [ia Ga] Group IIC T4 Gb (CA) IS Class I, Jone 1, Ex to [ia Ga] Group IIC T4 Gb (CA) IS Class I, Jone 1, Groups ABCD< | Non-Ex PLC Power Supply for Type *400X */VPW 100 to 230 VAC min. 15 VA, 48 to 62 Hz Type *400X *24V 24 V AC/DC AC: min. 15 VA, 48 to 62 Hz | 1231567 1567763 Measuring Modula:: Terminals Instructured States PH32002-62* Modula: Terminals Instructured States OKT 2002 OKT | A B |
| | nonincendive field wiring nonincendive field wiring Communication Modules OUT 3400X-071, PID 3400X-121 Class I, Zone 1, AEx ib Group IIC T4 Gb (US) Class I, Zone 1, Ex ib Group IIC T4 Gb (CA) | DC: min. 8 W | Non-Ex or Zone 2/22 or Div 2 | Zone 0/20 or Div 1 |
| C | In Class II, Division 2, Groups ABCD T4 NI Class II, III, Division 2, Groups FG nonincendive field wiring Installation Notes for hazardous Locations See Attachment to Certificate of Conformity IECEX DEK 11.0054 for entity parameters and Installation Guide for electrical, mechanical and environmental parameters. | Non-Ex PLC SELV/PELV Um = 60 V | 123456778 Hessuring Modules: Tennin PH 34007-03* Medule COUNT 34007-05* M | |
| | The Intrinsic Safety Entity concept allows the interconnection of NRTL approved intrinsically safe devices with entity parameters not specifically examined in combination as a systems when: Uo or Voc or Vt ≤ Vmax, Io or Isc or It ≤ Imax. Po ≤ Pi. Ca or Co ≥ Σ Ci + Σ Ccable. For inductance use either La or Lo ≥ Σ Li + Σ Lcable or Le/Re ≤ (La/Ra or Lo/Ro) and Li/Ri ≤ (La/Ra or Lo/Ro) Nonincendive field wiring methods may be used for connecting apparatus/sensors in division 2. Nonincendive field wiring apparatus shall not be connected in parallel. Rules of the Intrinsic Safety Entity concept apply. | | 1 2 3 4 5 6 7 8 9 10 11 12 15 16 17 16 16 17 16 16 17 17 16 17 17 17 16 17 17 16 16 16 17 17 16 16 17 17 17 16 17 16 16 17 17 16 17 17 17 16 17 | |
| | 3. Dust-tight conduit seals must be used when installed in Class II and Class III environments. | Power Supply for Type *400X */VPW 100 to 230 V AC | Increase | |
| rtung und Mitteilung bt. | Only NRTL certified cable glands conforming to UL2225 shall be used. Observe the installation requirements of the manufacturer. Control equipment in division 2 installations connected to the signal terminals with defined Um must not use or generate more than 60 Vrms or Vdc. The control room equipment connected to the Power Supply terminals shall not generate more than 253 Vrms or Vdc. WARNING – EXPLOSION HAZARD Do not disconnect while the circuit is live or unless the area is free of ignitible concentrations. AVERTISSEMENT – RISQUE D'EXPLOSION Ne pas débrancher pendant que le circuit est sous tension ou à moins que l'emplacement ne soit exempt de concentrations inflammation. | min. 15 VA, 48 to 62 Hz Type *400X *24V 24 V AC/DC AC: min. 15 VA, 48 to 62 Hz DC: min. 8 W | IB (TT (B) [19] PIN (B) PIN PIN (B) PIN (B) PIN (B) PIN (B) PIN (B) PIN (B) PIN (B) PIN (B) PIN (B) PIN (B) PIN (B) PIN (B) PIN (B) PIN (B) PIN (B) PIN (B) PIN (B) | |
| Dokuments, Verwertung u ausdrcklich erlaubt. F11 | 6. Installation shall be in accordance with ANSI/ISA RP12.06.01 (except chapter 5 for FISCO Installations). "Installation of Intrinsically Safe Systems for Hazardous (Classified) Locations" or the National or Canadian Electrical Code as applicable. Use only cables with a temperature rating of at least 75°C (167°F). | | | |
| ses | Changes to this control drawing must be authorised by FM Approvals. The intrinsically safe or the associated apparatus connecting to 30, 31, 33, 51, 52, 53, 54, 60, 61, 63, 65, 71, 72 must be NRTL Approved or be a simple apparatus (a simple circuits with well defined parameters, which is not an energy source generating more than 1.5 V, 0.1 A, 25 mW). | | | M19CA0127X |
| ervielfältig verboten, s | 9. The intrinsically safe (Division 1) or nonincendive field wiring (Division 2) apparatus/sensors connecting to the measuring/communication modules must be NRTL Approved or be a simple apparatus. | | Bearbeitet 28.08.2003 dam Protos | ol Drawing Type 3400X */*** II Type 4400X */*** |
| Weitergabe sowie Vervielfältigung die seines Inhalt's sind verboten, soweit r T | 10. The internal PE-terminal shall be used to connect the protective grounding wire, if any, of the power supply cable. The supplementary external grounding terminal shall be used for equipotential bonding and grounding where local codes or authorities permit or require such connection. | 4 MSU 4400X-18 3 cFMus Control Drawin 2 Protos II - neu Inventor | 08.12.22 kmn Schutzvermerk nach IS016016 beachten. Zeichnungsnummer | 03–170 |
| Weit seine | 1 2 3 4 | Nr. Änderungen | | |



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