



DO NOT SCALE DRAWING

TOLERANCES (UNLESS NOTED)
 DECIMALS = ±0.1 /mm
 .X = ±.1 /2.54
 .XX = ±.01 /0.25
 .XXX = ±.005 /0.125
 HOLES = ±.003 /0.080
 ANGLES = ±1/2°

DRAWN	C. Whan	9/13
CHECKED	V. Garcia	9/13
ENGINEER	W. Tchan	9/13
SCALE	NONE	

CATEGORY CONTROL DRAWING

TITLE
**Installation Diagram:
 TS200-DIN-ATEX SERIES
 [ic] Zone 2**

DRAWING NUMBER 100-100-79

REVISION A

REVISED BY	ECO 16973	DATE	10/13	BY	CW	APPROVAL	CB
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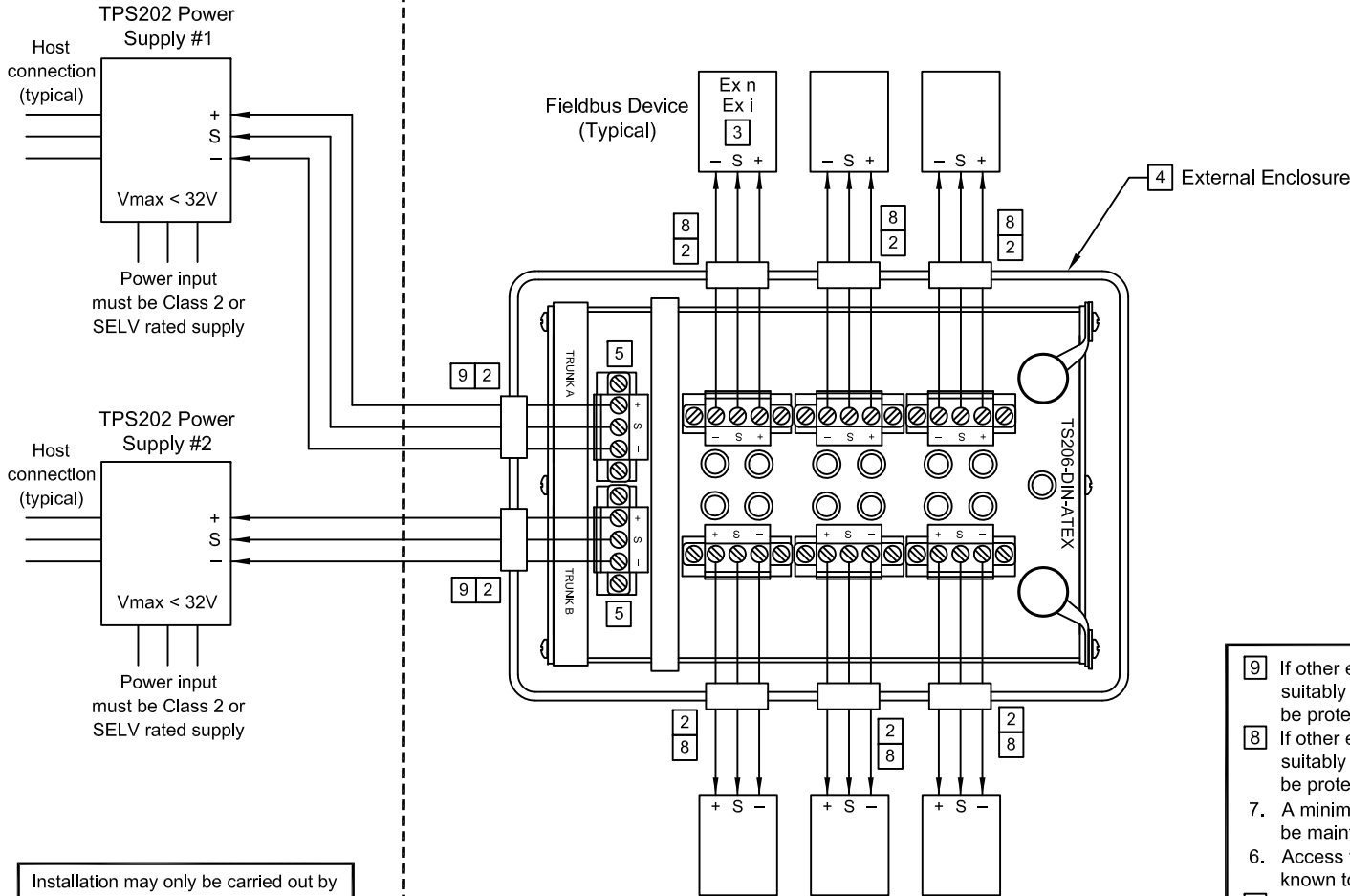
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Non-Hazardous Area

Hazardous Area / Explosive Atmosphere

Ex II 3 G Ex nA nC [ic] IIC T4 (Zone 2)

-- WARNING --
 Substitution of components may impair Intrinsic Safety.
 To prevent ignition of flammable or combustible atmospheres, disconnect power before servicing.



Entity Parameters	
Spur Connections (+ S -)	Uo = 24Vdc Io = 50mA Co = 220nF Lo = 6mH
Operating Temperature Range: -40°C ≤ Tamb. ≤ +70°C	
Must use +75°C suitable wiring	

Installation may only be carried out by suitably trained personnel and in accordance with national wiring regulations or codes of practice.

Where English is not a language of the Country in which the equipment is being used, please apply to Moore Industries International, Inc. (MII) for a suitable translation.

Certified Product
 This is a controlled 'Related' or 'Schedule' drawing. No modifications are permitted without the notification and final approval of the Certification Engineer (related dwgs.) or the Certifying Agency (schedule dwgs.)

- 9 If other electrical circuits are fitted into the enclosure, then they shall be suitably approved for the hazardous area of installation and live parts shall be protected to a minimum of IP40 when the enclosure is opened.
- 8 If other electrical circuits are fitted into the enclosure, then they shall be suitably approved for the hazardous area of installation and live parts shall be protected to a minimum of IP20 when the enclosure is opened.
- 7. A minimum clearance of 1 mm between live parts and earthed metal shall be maintained.
- 6. Access to Trunk In wiring under power is NOT permitted unless the area is known to be Non-Hazardous.
- 5 Trunk In terminals must have covers replaced before power is applied in Harazardous Area.
- 4 External enclosure required. Must be suitable for Category 3 G applications, rated IP54 minimum and must be closed before use in Haradous Area.
- 3 The device must be certified Ex n or Ex i and it's maximum rated voltage and current must NOT be exceeded.
- 2 Cable fittings must maintain IP rating of enclosure in service for all entries.
 - 1. Installation shall be in accordance with the latest editions of the wiring practices for the country of origin and EN 60079-14.

Installation Notes: