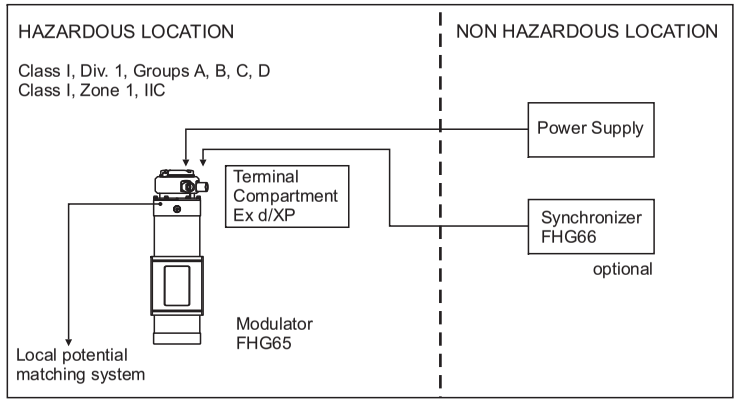
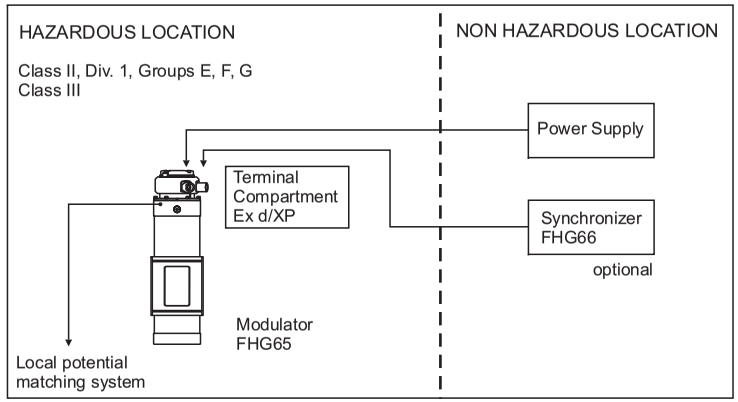
ZD223F/00/en/08.08
CCS/FM6.0
CSA/– 07.02.08
71083389

CSA Control Drawing
960008704 -

Modulator
FHG65

Endress+Hauser
People for Process Automation





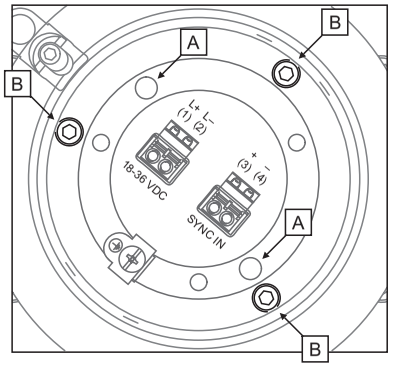
EXPLOSION PROOF
Class I, Div. 1, Groups A, B, C, D or Zone 1, IIC

1. Install per Canadian Electrical Code (CEC).
2. Control room equipment must not use or generate over 250 V.
3. Do not open the terminal compartment when the supply voltage is switched on and a combustible atmosphere is present. If a combustible atmosphere is present, wait 60 minutes after switching off the supply voltage, before opening the cover.
4. Use supply wires suitable for 5 K above surrounding ambient.
5. SEAL REQUIRED WITHIN 2 INCH.

Class II, Div. 1, Groups E, F, G, Class III

1. Install per Canadian Electrical Code (CEC).
2. Use a dust tight seal at the conduit entry in Class II an III locations.
3. Do not open the terminal compartment when the supply voltage is switched on and a combustible atmosphere is present. If a combustible atmosphere is present, wait 60 minutes after switching off the supply voltage, before opening the cover.
4. Use supply wires suitable for 5 K above surrounding ambient.

TERMINAL COMPARTMENT



Do not close the threaded holes [A]

Do not loosen the screws [B]

Power supply	(1) L+ (2) L–	18...36 VDC
Signal circuit SYNC IN (optional)	(3) + (4) –	For connection to Synchronizer FHG66 only
Protective conductor terminal	⏚	

		Maximum ambient temperature rating	Temperature class Permissible ambient temperature
Modulator without water cooling or Modulator with water cooling out of operation		–40°C...+60°C	T6 for –40°C...+60°C
Modulator with water cooling	At the pipe housing (inside the water cooling):	–40°C...+60°C	T6 for –40°C...+60°C
	At the terminal housing:	–40°C...+75°C	T6 for –40°C...+60°C
			T5 for –40°C...+75°C