



Safe area: Non-hazardous, Division 2 or Zone 2 Hazardous (Classified) Locations

The Transmitter Supply Unit with Limit Values Type 9162/13-11-64 is a non-incendive apparatus for installation in non-hazardous or Class I, Division 2 or Zone 2 Hazardous (Classified) Locations.

Electrical parameters for wiring configurations are as follows:

Function	Terminals	U <sub>n</sub> (V DC)	I <sub>n</sub> (mA DC)
Power Supply	7 (+); 9 (-) or pac-bus 1(+), 2(-)	24 (18 ... 31.2)	85
Output circuits	1, 2 (common)	R <sub>load</sub> < 600 Ω	0/4 to 20
Error indicator circuit, LF	8, 9 (-) or pac-bus 3, 4	30	100
Limit value contacts:	A 3, 4 (common) B 5, 6 (common)	± 30	100
Configuration Interface	plug connector V401 (accessible behind front cover)	± 15	10
Input circuit, passive 2-wire transmitter	12 (+), 10 (-)	16 V (at 20mA)	0 to 20
Input circuit, passive 3-wire transmitter	12 (+), 10 (signal), 11 (-)	16 V (at 20mA)	0 to 20
Input circuit, active current source	10 (+), 11 (-)	≤ 30 R <sub>i</sub> = 30 Ω	≤ 100 0 to 20

Notes:

- For Connections refer to chapter Commissioning of Operation Instruction ID-No. 9162 6 031 015 0.
- Installation should be in accordance with Article 504/505 of the National Electrical Code, ANSI/NFPA 70 and ANSI/ISA RP 12.06.01
- Installation in Canada should be in accordance with the Canadian Electrical Code, CSA C22.1, Part 1, Appendix F.
- Use a general purpose enclosure meeting the requirements of IEC 61010-1 for use in non-hazardous or Class I, Division 2, Hazardous (Classified) Locations.
- Use an FM Approved Dust-ignition proof enclosure appropriate for environmental protection in Class II, Division 1, Groups E, F and G; and Class III, Hazardous (Classified) Locations.
- These modules are to be mounted on DIN rail, DIN rail with pac-Bus (type 9194) or pac-Carrier (type 9195).
- Ambient temperature: -40°C ...+70°C (any mounting position)

WARNING: Do not disconnect equipment when a flammable or combustible atmosphere is present.  
 AVERTISSEMENT: Ne pas débrancher l'équipement en présence d'atmosphère inflammable ou combustible.

The safety relevant statements of this document may be transferred into the operating instructions. Transferring the text, editorial changes of equivalent meaning are allowed.

Version	Date	Name	2009	Date	Name	Certification drawing	Scale
			drawn	09.12.	Reistle		Transmitter Supply Unit with Limit Values Type 9162/13-11-64
			checked		Kaiser	Sheet 1 of 1	
04	23.03.15	Reistle				9162 6 031 002 1	Agency FM
03	04.01.13	Reistle					
02	15.10.12	Reistle					
01	15.04.11	Reistle					
						Ers. f.	Ers. d.

