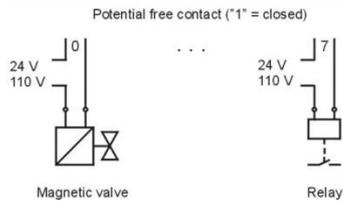


Nonhazardous (Unclassified)
Class I, Division 2, Groups A, B, C, D or
Class I, Zone 2, Group IIC
Hazardous (Classified) Locations



Non I.S. terminals X1



The Digital Output Module Relay Type 9477/15-08-12 is designed to receive a digital signal from the IS1 CPU & Power Module to control up to eight Non-I.S. circuits by means of relay contacts.

The modules is an associated apparatus for use in Nonhazardous (Unclassified), Class I, Division 2, Group A-D or Class I, Zone 2, Group IIC Hazardous (Classified) Locations according to NEC Article 504/505 or Canadian Electrical Code, CSA C22.

The internal system circuits are safely galvanically isolated from all output circuits up to a peak voltage of 375 V.

Type 9477/15-08-12

Relay circuits may not exceed the following nominal values:

U_n	250 V AC	30 V DC	110 V DC	220 V DC
I_n	2 A	2 A	0.3 A	0.12 A
P_n	100 VA	-	-	-

The output circuits are safely galvanically isolated from earth and from each other up to an operating voltage of 253 V.

Connection allocation (X1)

Output	Terminal
0	1, 2
1	3, 4
2	5, 6
3	7, 8
4	9, 10
5	11, 12
6	13, 14
7	15, 16

Notes:

- Suitable separation must be maintained between circuits connected to nonincendive circuits or AEx/Ex nA circuits and the I.S. input circuits of other I/O modules of the IS1 resp. IS1+ system. Use partition (SAP No. 162740 or 220101) for separation from I/O modules with I.S. circuits. Do not carry out work at the terminals without the partition plate in place.
- Do not disconnect nonincendive circuits or AEx/Ex nA circuits at X1 unless area is known to be non-hazardous. Mechanically secure the terminal blocks with the screws provided, to prevent from being detached unintentionally.
- Electrical Apparatus connected to an intrinsically safe system must not use or generate voltages > 253 V (U_{max}).
- Only use BusRail extension Type 9494/L1-V* fitted aside the module. Do not mount the module fitted aside BusRail Begin or BusRail Begin types 9494/A2-B0 or 9494/A2-E0.
- For Installation in Division 2 or Zone 2 see Certification drawing for IS1 resp. IS1+ Remote I/O System No. 9400 6 031 004 1 or 9400 6 031 006 1 as part of the documentation of the CPU & Power Modules.

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

			2017	Date	Name	Certification drawing Digital Output Module Relay Type 9477/15-08-12	Scale
			Drawn by	08.12.	Bagusch		none
			Checked		Kaiser		Sheet 1 of 1
			STAHL				Agency
01	03.05.2018	Bagusch				9477 6 031 002 1	FM
Version	Date	Name				Rep. f.	Rep. t.
							A4