

## SOLENOID / ALARM DRIVER 9203A

Apart from the data listed below, the 9203A is identical to the 9203B. For all other data and functionality, please refer to the manual for 9203B.

**Applications:**

The 9203A can be mounted in and transmit signals to non-classified area and zone 2.

**Approvals:**

EMC 2004/108/EC . . . . . EN 61326-1  
 LVD 2006/95/EC . . . . . EN 61010-1  
 c UL us, Standard for Safety . . . . . UL 61010-1  
 EAC TR-CU 020/2011 . . . . . EN 61326-1

**Ex:**

ATEX/94/EC . . . . . PR 14ATEX0101 X

**Marine:**

Det Norske Veritas, Ships & Offshore . . . . . Standard for Certification No. 2.4

**Functional Safety:**

SIL2 Certified & Fully Assessed acc. to IEC 61508

**Order**

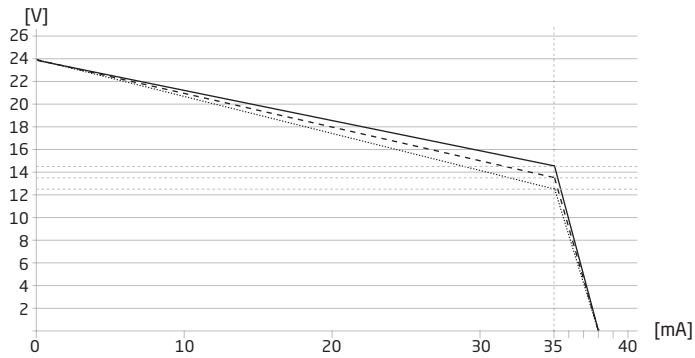
Type	Current output	Channels
9203A	Low current : 1	Single : A Double : B
	High current : 2	Single : A

**Accessories**

Type	Description
4501	Display / programming front
4511	Communication enabler
9400	Power rail
9404	Module stop for rail
9410	Power control unit
9420	Power supply 24 V / 120 W - Ex nAC

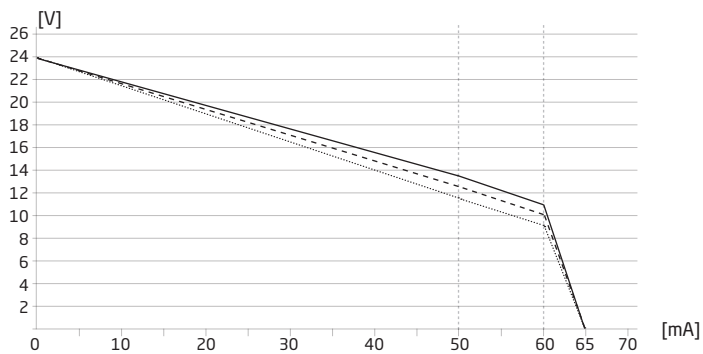
## Output loads

Terminal	9203A1A (1 channel) / 9203A1B (2 channels)		
	41-42 / 51-52	41-43 / 51-53	41-44 / 51-54
Vout. no load	Min. 24 V	Min. 24 V	Min. 24 V
Vout. with load	Min. 12.5 V	Min. 13.5 V	Min. 14.5 V
Iout. max	35 mA	35 mA	35 mA



Terminals: — X41 X44  
 - - - X41 X43  
 ..... X41 X42

Terminal	9203A2A (1 channel)					
	41-42		41-43		41-44	
Vout. no load	Min. 24 V		Min. 24 V		Min. 24 V	
Vout. with load	Min. 11.5 V	Min. 9 V	Min. 12.5 V	Min. 10 V	Min. 13.5 V	Min. 11 V
Iout. max	50 mA	60 mA	50 mA	60 mA	50 mA	60 mA



Terminals: — X41 X44  
 - - - X41 X43  
 ..... X41 X42