



Isolating Switching Amplifier
Series N-132 - ATEX
Article number N00017
Description N-132/2-10 24 V DC

- To connect two NAMUR-Sensors or potential-free mechanical contacts, which are mounted in the zones 0, 1, 2 (Gas) or 20, 21, 22 (dust)
- Compact design - only 17.6 mm width
- Removable screw terminals
- Indication sensor wire-break or short circuit via LED display
- For applications up to SIL 2 according to IEC 61508



Technical data

Operating voltage (U_B)	18...31.2 V DC		
Output function	2 x change-over contact potential-free		
Contact rating each relay AC max.	250 V AC / 4 A		
Contact rating each relay DC max.	250 V DC / 2 A		
No-load voltage max. (U_o)	9.6 V DC		
No-load current (I_o)	Typ. 55 mA		
Short-circuit current max. (I_K)	20 mA		
Outer inductance max. (L_o)	[Ex ia] IIC 90 mH / IIB 340 mH		
Outer capacitance max. (C_o)	[Ex ia] IIC 3.6 μ F / IIB 26 μ F		
Actuating signal	NAMUR EN 60547-5-6		
Permitted ambient temperature	-20...+70 °C		
Display	Red / yellow and green		
Degree of protection IC 60529	Housing: IP 30 / Terminals: IP 20		
Norm	EN 60947-5-6		
Connection	Screw terminals		
Certificate(s)	FM		
Safety integrity level (IEC 61508)	SIL 2		
MTTF (average operating time until failure in Years)	62 years		
Accessories (not included in delivery)	# 190760 pac-Bus single element, # 190761 Terminal set for pac-Bus		
ATEX certificate	DMT 09 ATEX E 087X	CCC certificate	2020312316000055
ATEX product marking gas	Ex II (1) G [Ex ia Ga] IIC	CCC product marking gas	[Ex ia Ga] IIC
ATEX product marking dust	Ex II (1) D [Ex ia Da] IIIC	CCC product marking dust	[Ex iaD]
IECEx certificate	IECEx BVS 10.0088X	KTL certificate	13-KB4BO-0160
IECEx product marking gas	[Ex ia Ga] IIC	KTL product marking gas	(Ex [ia] IIC)
IECEx product marking dust	[Ex ia Da] IIIC		

Made in Germany

All specifications are subject to change without notice. (21.12.2022)

