

FEATURES

- Door frame plate with KNX connection for the IDAC access control system.
- Limit switch of door status.
- Overcurrent protection.
- Dimensions 37 x 273 x 35mm.
- Flush-mounted in door frame.
- Conformity with the CE directives (CE-mark on the backside).

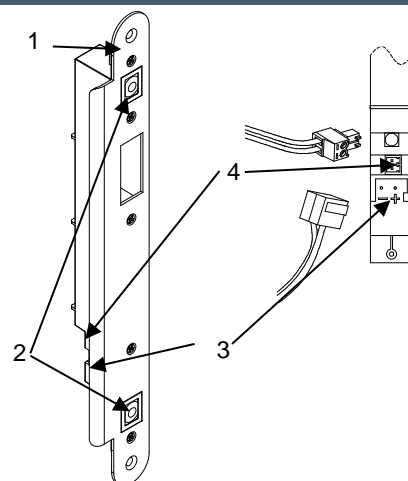


Figure 1. Door frame plate with KNX connection – Left-hand door (the reference for right-hand doors is symmetrical).

1. Plate		2. Power contacts from the IDAC system		3. KNX connector		4. Door status connector	
GENERAL SPECIFICATIONS							
CONCEPT				DESCRIPTION			
Type of device				Electric operation control device			
KNX supply	Voltage (typical)		29VDC SELV				
	Voltage range		21...31VDC				
	Maximum consumption	Voltage	mA			mW	
		29VDC (typical)	27.85			807.65	
		24VDC ¹	35			840	
Connection type				Typical TP1 bus connector for 0.80mm Ø rigid cable			
External power supply				Not required			
Operation temperature				0°C .. +55°C			
Storage temperature				-20°C .. +55°C			
Operation humidity				5 .. 95%			
Storage humidity				5 .. 95%			
Protection class				III			
Operation type				Continuous operation			
Device action type				Type 1			
Electrical stress period				Long			
Complementary characteristics				Class B			
Degree of protection				IP20 (clean environment)			
Installation				Flush-mounted in door frame			
Minimum clearances				Not required			
Weight				147g			
PCB CTI index				175V			
Housing material				Steel and PC FR V0 halogen free			

¹ Maximum consumption in the worst-case scenario (KNX Fan-In model)

LIMIT SWITCH SPECIFICATIONS AND CONNECTIONS	
CONCEPT	DESCRIPTION
Output type / Disconnection type	Normally open reed contact (dry voltage contacts) / Micro-disconnection
Maximum voltage	170V
Maximum current	500mA
Connection method	Pluggable screw terminal block
Cable cross-section	0.5-1mm ² (IEC) / 28-16AWG (UL)



SAFETY INSTRUCTIONS

- Installation should only be performed by qualified professionals according to the laws and regulations applicable in each country.
- Do not connect the mains voltage nor any other external voltage to any point of the KNX bus; it would represent a risk for the entire KNX system. The facility must have enough insulation between the mains (or auxiliary) voltage and the KNX bus or the wires of other accessories, in case of being installed.
- Keep the device away from water (condensation over the device included) and do not cover it with clothes, paper or any other material while in use.
- The WEEE logo means that this device contains electronic parts and it must be properly disposed of by following the instructions at <http://zennio.com/weee-regulation>.

