

- IP30 conform terminal covers
- Forced guided contacts, 2-pole
- Safety isolation of EEx e-circuits
- Replaces system shut-down or "limited safety permits "
- Device designation:
  - II 2 G EEx de IIC
  - I M2 EEx de I

The MODEX switch terminal is suitable for service and test tasks as well as for normal manual switching processes.

The switch terminal is easily installed due to its clearly distinguishable switch positions and the extremely small switch housing (with four integrated terminal positions).

The MODEX switch terminal is fitted directly in the EEx e housing and is mounted like a terminal block. The switch terminal can also be designated like a terminal block.

The positive opening (forced guided) switch function provides additional safety. All live parts feature protection against direct contact. Thus it is possible to open the EEx e-enclosure and to operate the



switch manually when live and located in the explosion hazardous area.

**MODEX Switch Terminal** 

Connected actuators and sensors are isolated on 2-poles and can thus be exchanged under Ex conditions.

## Notes

- When working on the device, paragraph 2 of VBG 4 § 6 must be strictly observed.
- Terminals 11 and 21 provided with IP30 cover
- Work only permitted on terminals 11 and 22
- Protect against accidental restart / Seal the switch terminal
- Verify isolation from the supply (Beware of loads with energy storage)
- Cover or enclose neighbouring parts that may be live





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## MODEX Switch Terminal, 2-pole, IP30

[vpo	MODEX switch terminal			
Ident-No.	6884069			
	0001000			
Housing materials	high-quality thermoplastics and thermoset plas			
Degree of protection (IEC 60529/EN 60529)				
- switch mechanism	IP54			
- terminals	IP20			
<ul> <li>terminals with cover</li> </ul>	IP30			
Connection terminals	2.5 mm², fl	exible		
Mounting on mounting rail	TS 35 x 7.5 (15) conform to EN 50022			
Terminal labelling	using an inscribable designation label			
Storage temperature	-40+70 °C			
Ambient temperature	-20+40 °C			
Weight	245 g			
Electrical data				
Rated voltage	AC-15 / 400 V, DC-13 / 250 V			
Rated current	AC-15 / 2 /	A, DC-13/0	.15 A	
Rated operational current I	onal current I AC current 4080 Hz			
to EN 61058-1	Lood	Registive load	Inductive load	
	LUau			
	105 1/	1/AU-12 A	I/AU-10 A	
	125 V	5 A	-	
	250 V	4 A	4.0 A	
	400 V	2 A	2.0 A	
	DC current			
	Load	Resistive load	Inductive load	
	30 V	7 A	5 A	
	250 V	0.6 A	0.15 A	
	L	1	I	
Contact elements	forced guided (positive opening) contacts, 2-r			
Lifespan				
<ul> <li>electrical/mechanical</li> </ul>	0.6 x 10 <sup>4</sup> operations			
Contact material	silver, gold-plated			
Contact design	forced guided, positive opening			
Contact type	normally closed (NC). 2-pole			
Rated insulation voltage	400 V			
Short-circuit protection	Fuse-link:	10 A, characterist	ic: quick-acting	
Rated operational voltage U	400 VAC			
Conventional free air thermal current	10 A			
Guidelines/Standards/Approvals	EC EMC D	irective 89/336/F	FC	
	EC Low-voltage directive 73/23/EEC			
	EC Ex directive 94/9/EC			
Explosive atmospheres				
<ul> <li>device designation</li> </ul>	II 2 G EEx de IIC			
	IM2 FEx de l			
<ul> <li>test certificate</li> </ul>	PTB 99 AT	EX 1020 U		
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