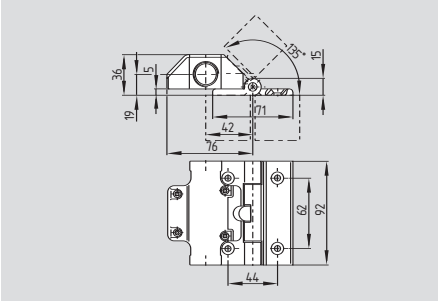
TVS 400





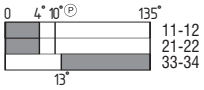
- Thermoplastic enclosure
- Double insulated ⧈
- Simple mounting, especially on 40 mm profiles
- Good resistance to oil and petroleum spirit
- 2 cable entries M20 x 1.5
- For left or right hinged doors
- Fixing holes for M6 countersunk screws to DIN 965
- The additional hinge including mounting accessories is also available separately, part number Z 400
- Plug connection and mounting kits for profile sections of the most common makes on request

Technical data

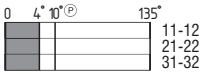
Standards:	IEC/EN 60947-5-1 BG-GS-ET-15
Enclosure:	glass-fibre reinforced thermoplastic, self-extinguishing
Hinge:	aluminium
Protection class:	IP 65 to EN 60529
Contact material:	silver
Contact type:	change-over contact with double break, type Zb or 3 NC contacts
Switching system:	⊖ IEC 60947-5-1 slow action, NC contact with positive break
Connection:	screw terminals
Cable section:	max. 1 mm² (incl. conductor ferrules)
Cable entry:	2 x M20 x 1.5
U_{imp}:	2.5 kV
U_i:	250 V
I_{the}:	2.5 A
Utilisation category:	AC-15, DC-13
I_e/U_e:	2 A / 230 VAC 1 A / 24 VDC
Max. fuse rating:	2 A gG D-fuse
Ambient temperature:	– 25 °C … + 65 °C
Mechanical life:	> 1 million operations
Switching frequency:	max. 120/h
Positive break angle:	10°

Contact variants

1 NO / 2 NC



3 NC



Approvals

Ordering details

TVS 400-①/②

No.	Replace	Description
①	12	1 NO / 2 NC
	03	3 NC
②	/B	With fixing hinge
	/BZ	With fixing and additional hinge

Note

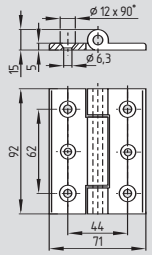
The opening angle has been set to 4° in factory.

Until the limit of the mechanical life has been reached the angle can increase up to 10° under normal wear-out conditions.

Note

Closed guard device = 0° in contact switch travel diagrams.

System components



Additional hinge Z 400

System components



With Re-start disable / interlock

Ordering details

Additional hinge	**Z 400**

Ordering details

Other product variants:

- With supplementary mechanical restart interlock
- Also for 30 mm, 35 mm, 45 mm profiles
- Stainless steel hinge
- Other switching travels/angles

See T/03 list ELAN, Wettenberg