



## B400

### High DC breaking capacity, safety critical 12 A, 4 C/O DM/DB (weld no transfer)



Suitable for safety and critical applications, switching of DC voltages, inductive loads.

- Plug in
- 4 C/O contacts, double make / double break
- Weld no transfer contacts
- Keying in relay / socket
- LED indicator
- Cadmium free contacts
- 'Mors Smitt-style' pinning tin plated
- Coil protection

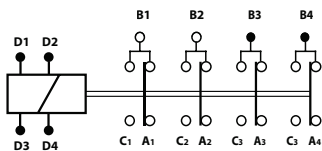
#### Standards

- EN 60255
- EN 60947
- EN 60947-5-1
- IEC 61810
- CE

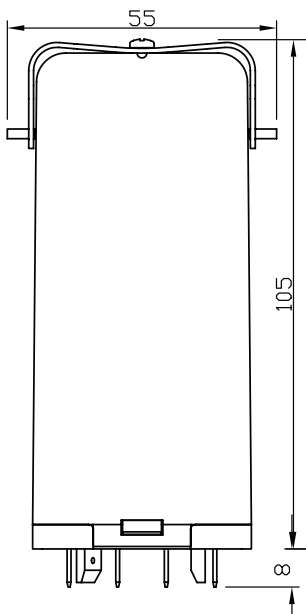
#### Pin arrangement Mors Smitt-style



#### Connection diagram



#### Dimensions



#### Contact specifications

Contact material	Ag
Number & configuration	4 C/O, DM-DB
Rated continuous current (AC1, IEC 60947)	12 A
Max. make current	30 A
Max. switching voltage	440 VDC
Min. switched voltage	24V
Min. switched current	20 mA

#### Coil specifications

Nominal voltage ( $U_n$ DC)	12...700 VDC
Nominal voltage ( $U_n$ AC)	127...220 VAC
Power consumption (DC/AC)	4W / VA
Operating range	0.7...1.25 $U_n$

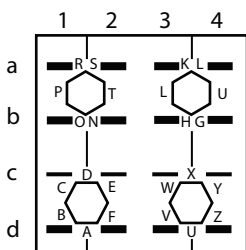
#### Technical data

Mechanical life cycles	100 x 10 <sup>6</sup>
Dielectric strength, coil-contact	2600 VAC
Isolation class	C 660
Time DC/AC	55 ms
Time DC/AC	25 ms
Ambient temperature	-40 °C...+80 °C
Weight	450 g
Dimensions	45 x 45 x 102 mm
Protection category	IP40

#### Remarks

Humidity max 93%, 40 °C for 4 days.  
Salt mist max 5%, 35 °C for 4 days.

#### Mechanical Keying



Rear view of relay

See page 107 for sockets & accessories