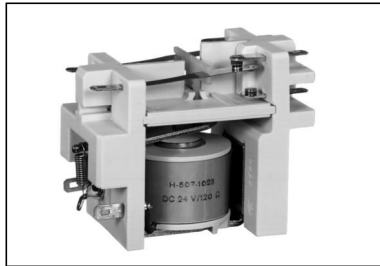


High Voltage Relay H-507



General

- 2 CO contact
- Max. switching voltage 5 kVeff
- Contact set ceramic insulation
- Fixing with M4 screws
- Ambient temperature -25 ... +40 °C
- RoHS compliance

Connections

- Faston plug 4,8 x 0,8 mm, DIN 46244

Drive

- Direct current, monostable

Standards

- IEC 61810-1

Technical Data mechanical

Dimensions L x W x H (in mm)	76,5 x 48,7 x 62,5
Shock resistance	5 g, 11 ms Half sinus
Vibration resistance	5 g, 10 - 55 Hz
Operating time	typical 40 ms
Releasing time	typical 20 ms
Mechanical service life (without load)	> 5 x 10 ⁶ cycles
Weight	360 g

Technical Data electrical

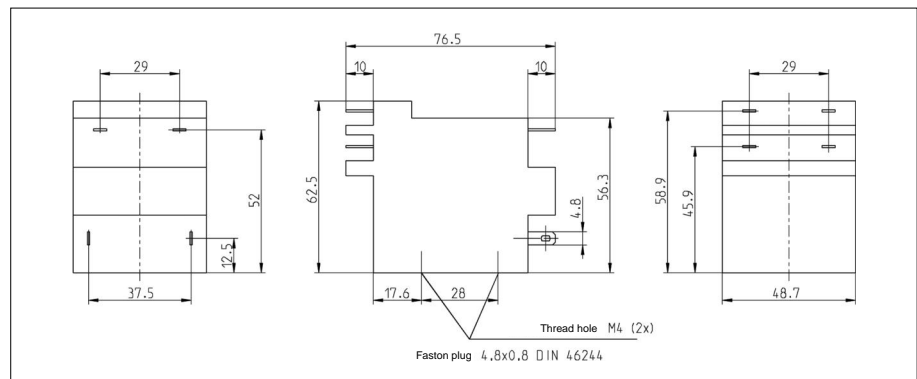
Max. switching capacity	AC 5.000 VA, DC *W
Max. switching current	10 A
Max. switching voltage	AC 5.000 V, DC *V
Electrical service life (with nominal load)	>10 ⁵ cycles
* see DC-switching capacity	

Insulation

Degree of pollution (V) 2
 Insulating material group I
 The relay is to fix to a ground-connected mounting plate

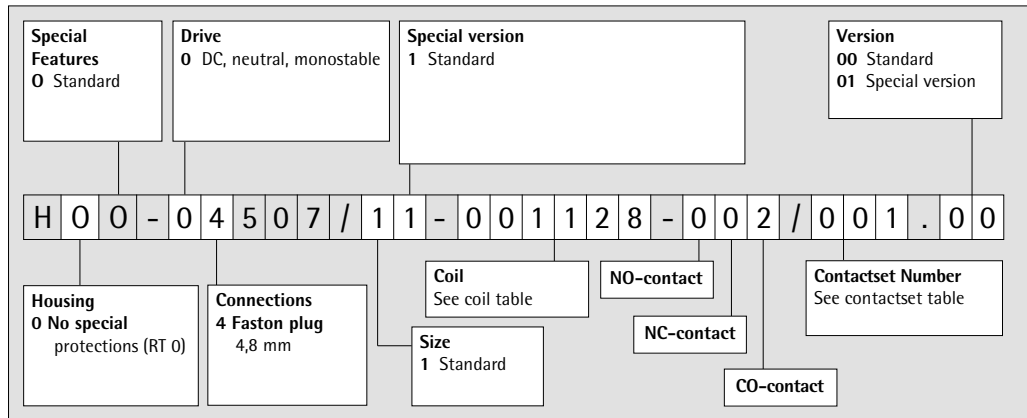
Insulation between	Air-/creeping distance	Test voltage 50Hz/60s
Contact - Contact	> 20 mm	
Contactset - Drive	> 20 mm	AC 8.000 V

Dimensions



High Voltage Relay H-507

Type key



Contactset table

Number of contacts NO/NC/CO-contacts	AgCdO	AgCdO + 10 µm Au	AgCu + W	Contact material
002	001	005	006	Contact set number

All values at ambient temperature $T_u = 20\text{ °C}$

Coil table

Coil-No.	Resistance R/Ω	Resistance- tolerance ±	U_1/V	U_2/V	$U_{rück}/V$	Printing U_{nom}/V
001145	8	9%	3,9	7,3	0,3	6
001136	30	5%	7,6	14,4	0,6	12
001128	120	9%	15,7	28,4	1,1	24
001121	700	8%	40,5	69,0	2,9	60
001114	2.500	8%	79,2	130,3	5,6	110
001211	10.000	8%	158,7	260,8	11,2	230

U_1 : Minimum operating voltage with consideration of coil self heating
 U_2 : Thermal restricted maximum coil voltage
 $U_{rück}$: Releasing voltage

Further coils are possible and available

Running types

Article-No.	Type key	Printing U_{nom}	U_1/V	U_2/V	$U_{rück}/V$
507-1003	H00-04507/11-001136-002/001.00	DC 12 V	7,6	14,4	0,6
507-1004	H00-04507/11-001128-002/001.00	DC 24 V	15,7	28,4	1,1
507-1016	H00-04507/11-001128-002/005.00	DC 24 V	15,7	28,4	1,1
507-1025	H00-04507/11-001136-002/006.00	DC 12 V	7,6	14,4	0,6

Diagrams

