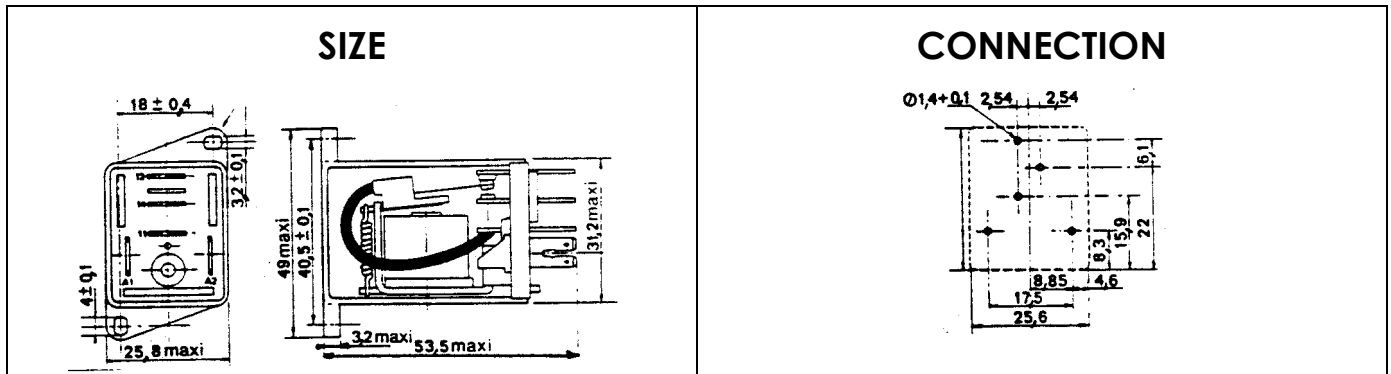


INDUSTRIAL RELAY "1566"

INSTANTANEOUS - 1 20 A CONTACT - DIRECT OR ALTERNATING CURRENT COIL
WELDED CONNECTION



The 1566 relay is used to control high loads while occupying little space. Its 1 reversing contact or 1 normally open contact (NO) circuit has a maximum capacity of 20 A on 380 V AC, and is controlled by a low power 1.2 to 1.5 W coil for direct current and 1.8 to 2 VA for alternating current.

GENERAL SPECIFICATIONS

Function	Instantaneous
Presentation	under a transparent cover
Operating position	any
Connection	welded
Number of mechanical movements	$\geq 10^7$ min
Operating temperature	-10 to + 55°C
Storage temperature	-20 to + 85°C
insulation/distances in air and creepage distances	compliant with VDE 0110 class C 380 V. Alt.
Weight	50 grs
Weather category	Cold NFC 20601: -25°C - 96 h. Dry heat NFC 20602: + 85°C - 72 h. Wet heat NFC 20603: + 40°C - 95% relative humidity - 4 days
Mechanical category	Shocks NFC 20608: 50 g - 11 ms Vibrations NFC 20616: 2 g contact not opened
Electric strength at 50 H2/1 min, - 40°C and 70% relative humidity	Contact - contact (common-work): 2 KV
Insulation resistance	500 V DC

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INDUSTRIAL RELAY "1566"

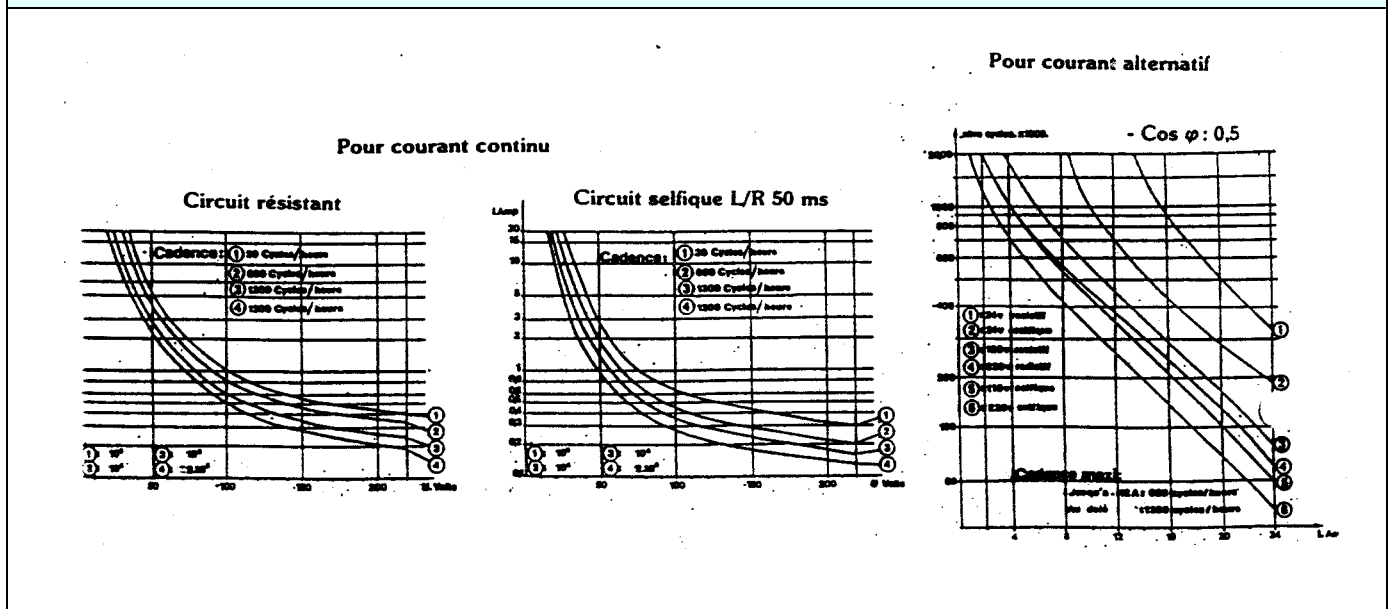
COIL SPECIFICATIONS

Rated power supply: Min ...	DIRECT	ALTERNATING	
	6 V	6 V	
Max	135 V	240 V	
Tolerance on rated voltage	80% to 110% rV		
Operating class (NFC 45250)	lb 1	lb 1	
Power class	1.2 W	Call	Hold
Drop voltage	> 10% de rV	2.5 VA	1.6 VA
		> 20% de rV	

CONTACTS

Number of reversing contacts	1		
Contact material	Silver / Cadmium oxide		
Contact resistance	< 60 milliohms at 6 V DC / 1 A.		
Maximum admitted current	20 A.		
Admitted overload	250 A. - 30 ms		
Breaking capacity	20 A. - 380 V AC resistive (see curves below)		
	RESPONSE TIME	DIRECT	ALTERNATING
Work opening		4 to 10 ms	6 to 11 ms
Stand-by closure		1 to 4 ms	1 to 4 ms
Stand-by opening		12 to 15 ms	12 to 19 ms
Work closure		2 to 7 ms	2 to 7 ms

BREAKING CAPACITY



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