

Technical specifications

Data according to DIN VDE 0435-110, IEC 60255			5TT3 431 5TT3 432
Rated control voltage U_c		V AC	230
Operating range		$\times U_c$	0.9 ... 1.1
Rated frequency		Hz	50/60
Response value		k Ω	3.2 ... 3.8
Release value		k Ω	1.5 ... 1.8
Rated operational voltage U_e		V AC	230
Rated operational current I_e		A	5
Minimum contact load		V/mA	10/100
Rated insulation voltage U_i	between coil/contact	kV	4
Contacts	μ contact (AC-11)	A	3
Electrical isolations	creepage and clearances actuator/contact	mm	4
Rated impulse withstand voltage U_{imp}	actuator/contact	kV	> 2.5
Terminals	+/- screw (Pozidriv)		1
Conductor cross-sections	rigid flexible with sleeve	max. mm ² min. mm ²	2 \times 2.5 1 \times 0.5
Permissible ambient temperature		$^{\circ}$ C	-20 ... +60
Resistance to extreme climates	according to EN 60068-1		20/60/4