

Technical specifications

			5TT3 440	5TT3 441
Standards			EN 60947-4-2 (VDE 0660-117)	
Supply/motor voltage	V AC		400	230
Operating range	$\times U_c$		0.8 ... 1.1	
Rated power	VA		3.5	1.4
Rated frequency	Hz		50/60	
Rated power dissipation P_v	Coil/drive contact ¹⁾ per pole		3.5 4.6	1.7 0.7
Rated output of motor				
- Max.	At 400 V	VA	5500	1500
- Min.	At 400 V	VA	300	100
Startup voltage	%		30 ... 70	20 ... 70
Starting ramp	s		0.1 ... 10	
Recovery time	ms		100	200
Switching frequency				
$3 \times I_N$, $T_{AN} = 10$ s, $v_u = 20$ %		Switching cycles/h	36 (up to 3 kW)	10
$3 \times I_N$, $T_{AN} = 10$ s, $v_u = 20$ %		Switching cycles/h	20 (from 3 ... 5.5 kW)	10
Semiconductor fuse	Super quick	A	35	20
Conductor cross-sections	Rigid Flexible, with end sleeve	max. mm ² min. mm ²	2 × 2.5 1 × 0.5	
Permissible ambient temperature		°C	-20 ... +60	-20 ... +55
Resistance to climate	Acc. to EN 60068-1		20/60/4	20/55/4

¹⁾ For rated operational current.