

Accessories for A contactors TE5S electronic timer for wye-delta starters

Technical data

Type		TE5S-24	TE5S-115	TE5S-230
Compliance with standards		IEC 947-5-1, EN 60947-5-1 and VDE 0435		
Rated insulation voltage U_i according to IEC 947-5-1	V	250		
Rated supply voltage U_c	VDC	24	—	—
	VAC	24	110 – 115	220 – 230
Rated frequency limits	Hz	48 – 63		
Supply voltage range		0.85 – 1.1 U_c		
Overvoltage protection		Built-in varistor		
Load factor	%	100		
Average consumption	in DC	0.7	—	—
	in AC	1.5	3.5	6.5
Time delay range (t_1) selected by switch	S	0.8 – 8 and 6 – 60		
Temperature drift	% per °C	- 0.2		
Mechanical setting accuracy		± 15% of the setting range		
On-load reiteration accuracy under constant conditions		± 2% after 1 million operations		
Minimum time lapse (t_2)	ms	50		
Min. time lapse after 1 million operations	ms	40		
Resetting time (maximum)	ms	250		
Front panel display:	green indicator light yellow indicator light	Energization Output relay activated		
Rated operational voltage U_o acc. to IEC 947-5-1	VDC	24		
	VAC	24 – 230		
Conventional free air thermal current I_{th}	A	10		
Rated operational current I_o acc. to IEC 947-5-1	DC-13	24 VDC	A	
	AC-15	24 – 115 VAC	A	
		220 – 230 VAC	A	
			4	5
Permissible air temperature for operation	°C	-25 ... +60		
	°C	-40 ... +85		
Mechanical durability in millions of operations		5		
Electrical durability in millions of operations		1		
On-load maximum switching frequency	ops./h	720		
Shock and vibration withstand		on request		
Fixing on mounting rail according to EN 50022		35 x 7.5 or 35 x 15		
Connecting terminals		(+, -) pozidriv 1 screw		
Tightening torque	N.m	0.6 – 0.8 max.		
Connecting capacity	Rigid solid	1 or 2 x mm ²		1 – 2.5
	Flexible without cable end	1 or 2 x mm ²		0.75 – 2.5
Degree of protection acc. to IEC 529, IEC 947-1 and EN 60 529	Housing	IP 50		
	Terminals	IP 20		