

Product designation	Undervoltage trip releases				
Product type designation	SM1X				
Description	Undervoltage trip releases				
Accessories for	SM1P..., SM1R...				
Auxiliary contact characteristics					
Rated insulation voltage Ui IEC/EN	V	690			
Rated impulse withstand voltage U_{imp}	kV	4			
Operational characteristics					
Rated supply voltage AC	VAC	220			
Rated frequency	Hz	60			
In-rush consumption	VA	12			
Holding consumption	VA	3.5			
Release voltage	Us	35...70			
Operating voltage	US	85...110			
Mechanical features					
Tightening torque for terminals	min	Nm	1		
	max	Nm	1		
	min	lbin	9		
	max	lbin	9		
Conductor section					
AWG/Kcmil	min	18			
	max	14			
Flexible w/o lug conductor section	min	mm ²	0.75		
	max	mm ²	2.5		
Flexible c/w lug conductor section	min	mm ²	0.75		
	max	mm ²	2.5		
Operating position	normal	Vertical			
	allowable	Any			
Terminals	type	Screw			
	screw	M3.5			
	width	mm	7.2		
	tool	Ph2			
Weight	g	130			
Operations					
Mechanical life	cycles	100000			
Ambient conditions					
Temperature					
Operating temperature	min	°C	-20		
	max	°C	+60		
Storage temperature	min	°C	-50		
	max	°C	+80		
Max altitude	m	3000			
IEC degree of protection	IP20				

ETIM classification