

For Operation in the Control Cabinet

SIRIUS MCU Motor Starters

General data

More information

Type	SIRIUS MCU Motor Starters					
	Locally controlled Plastic enclosures Electromechanical Switching	I/O-controlled Plastic enclosures Electromechanical Switching	For AS-Interface Plastic enclosures Electromechanical Switching	For AS-Interface Metal enclosures Electromechanical Switching	For AS-Interface Metal enclosures Electronic Switching	
Mechanics and environment						
Mounting dimensions (W x H x D)	mm	182 x 220 x 145			245 x 215 x 205	
Permissible ambient temperature • During operation	°C	-25 ... +35			-25 ... +50 max. +65 with reduction	
Weight	g	1300	1200	1500 / 1800	5800	6400
Permissible mounting positions	°	On the wall 360, inclination ±30			On the wall 360, inclination ±20	
Degree of protection acc. to IEC 529		IP54	IP55		IP54	
Cooling		Convection				
Electrical specifications						
<i>Control circuit</i>						
Operational voltage U_{AS-i}	V DC	--		26.5 ... 31.6		
Control supply voltage U_{aux}	V DC	--		20.4 ... 26.4	20.4 ... 28.8	
Control supply voltage	V	AC 230, from inside	20.4 ... 26.4	--		
Power consumption from AS-i (incl. 200 mA sensor supply)	mA	--		≤ 250	≤ 270	
<i>Main circuit</i>						
Rating for induction motor at 400 V, 50 Hz, AC-3		See "Selection and Ordering Data"				
Incoming energy supply		M screw				
Motor feeder		M screw				
Rated operational current for starter I_e at 400 V AC		See "Selection and Ordering Data"				
Trip class		Class 10				
Type of coordination acc. to IEC 60947-4-1		1				
Short-circuit breaking capacity I_{cu} at 400 V AC	kA	50				
Brake version						
Operational voltage	V AC	--			400 or 230	
Uninterrupted current		--			Max. 5 % of I_e	
Short-circuit protection		--			Integrated	