

3-Phase electronic reversing contactor



- Rated operational voltage up to 480 VAC 50/60Hz
 Rated operational current up to 10A AC-3
- Two independent control inputs with mutual interlock
- Control voltage from 5-24VDC or 24-230VAC/DC
- LED Status indication
- Meets EN 60947-4-2 requirements
- Requires only 45 mm DIN rail space

Item selection and	technical specificat	tions							
Load ratings AC-53 motor load stand. AC-4 motor load inching / plugging	Control voltage		Item number by 24-480VAC 50/60H Line Voltage	Hz			Мо	dule-width	
10A AC-53 / 8A AC-4	5-24 VDC		SRC 3 DD 4010				45n	nm	
10A AC-53 / 8A AC-4	24-230 VAC/DC		SRC 3 DA 4010				45n	nm	
Output load speci	fication	1	1						
Operational current AC-3		10A	Leakage current			5mA ACmax.			
Operational current AC-4		8A	Min. operational current			50mA			
Duty cycle		100%							
Control terminal s	pecifications	·					•		
SRC 3 DD 4010			SRC 3 DA 4010						
Control voltage		5 - 24 VDC	Control voltage			24-	230 VAC/DC		
Pick-up voltage max.		4.25 VDC	Pick-up voltage max.			20.4	20.4 VAC/DC		
Drop-out voltage min.		1.5 VDC	Drop-out voltage min.			7.2	7.2 VAC/DC		
Control current		25mA @ 4VDC	Control current / power max.			6mA / 1.5VA@24VDC			
Response time max.		1/2 cycle	Response time max.			1cy	1cycle		
Interlock time max.		80 msec.	Interlock time max.			150	150 msec.		
Thermal specificat	tion								
Power dissipation for continuous operation PDmax 2.2 W/A			Operation in ambient temperatures exceeding 40°C is possible if the power						
Power dissipation for intermittent operation PD		2.2 W/A x dutycycle	dissipation is limited either by reducing the steady-state current or by reducing the duty-cycle of the contactor as shown in the table. Max.cycle time 15min.						
Cooling method		Natural convection	By 40°C By 50°C			By 60 ^o C			
Mounting		Vertical +/-30 ⁰	100% load Duty-cycle 100% 100% load Duty-cycle max. 0.8		100% load Duty-cycle max. 0.65				
Operating temperature range EN 60947-4-2		-5C ^o to 40 ^o C	Environment						
Storage temperature EN 60947-4-2		-20C ⁰ to 80 ⁰ C	Degree of protection IP 20 Pollution deg				aree	3	
Max. operating temperature with current derating		60 ⁰ C					-		
Insulation specifications			*This products has been designed for class A equipment. Use of the product in domestic environments may cause radio interference, in which case the user may be required to employ additional mitigation methods.						
Rated insulation voltage		Ui 660 Volt	- *UL:Use thermal overload protection as required by the National Electric Code.						
Rated impulse withstand	voltage	Uimp. 4 kVolt	When protected by a non-time delay K5 or H Class FLA, this device is rated for use on a circuit capabl			or H Class fus	e, rate	d 266% of motor	
Installation catagory		ш	5,000 rms. symmetrical amperes, 600 V maximum. Maximum surrounding tem- perature 40°C.						
Functional diagram			Approval						
			ULc Std No. 508 / CAN/CSA-C22.2						
Mains L1,L2,L3			Mounting and cable wiring information						
Forward A1-A2			Mounting information see page 36 / Cable wiring see page 37						
			Dimensions (se also page 36)						
Motor forward			Туре	нс		D		W	
-			45 mm module	9	94 mm	128.1 m	m	45 mm	

Specifications are subject change without notice



