

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 reserve a constraint of the serve and the serve and							
Item selection and	I technical specificat	tions	1				1	_1	
Load ratings AC-53 motor load stand. AC-4 motor load inching / plugging	Control voltage		Item number by 24-480VAC 50/60Hz Line Voltage				Module-width		
10A AC-53 / 8A AC-4	5-24 VDC		SRC 3 DD 4010				45mm		
10A AC-53 / 8A AC-4	24-230 VAC/DC		SRC 3 DA 4010				45mm		
Output load specif	fication			I			-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 VAC/DC			
Drop-out voltage min.		1.5 VDC	Drop-out voltage min.			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.			1cycle			
Interlock time max.		80 msec.	Interlock time max.				150 msec.		
Thermal specificat	ion						1		
Power dissipation for continuous operation PD2.2 W/AOperation in ambient temperatures exceedin dissipation is limited either by reducing the ste the duty-cycle of the contactor as shown in thePower dissipation for intermittent operation PD2.2 W/A x dutycycleOperation in ambient temperatures exceedin dissipation is limited either by reducing the ste the duty-cycle of the contactor as shown in the							ate current or b	y reducing	
Cooling method		Natural convection	By 40°C By 50°C				By 60 ⁰ C	By 60 ⁰ C	
Mounting		Vertical +/-30 ⁰						00% load Duty-cycle max. 0.65	
Operating temperature ra	ange 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 c			Pollution de	dree	3	
Max. operating temperature with current derating		60 ⁰ C	*This products has bee				•		
Insulation specific	domestic environments be required to employ	s may cau	se radio	interference, i					
Rated insulation voltage Ui 660 Volt					0		National Elec	tric Code.	
Rated impulse withstand	voltage	Uimp. 4 kVolt	*UL:Use thermal overload protection as required by the National Electric Code. When protected by a non-time delay K5 or H Class fuse, rated 266% of motor FLA, this device is rated for use on a circuit capable of delivering not more than						
Installation catagory III			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								
Reverse A3-A4			Dimensions (se also page 36)						
Motor forward Motor reverse			Туре	Н		D		W	
			45 mm module	94 mm	ı	128.1 mr	m 4	45 mm	

Specifications are subject change without notice



