



**Direct starter, to, 6.6A, key switch, Auto-Off/Reset-Man., 24V, brake 400V**

**Part no.** RA-MO-DA/C3A  
**Article no.** 113882  
**Catalog No.** -

### Delivery programme

Description			DOL starter with keyswitch AUTO - OFF/RESET - MANUAL Operation without 24 V DC auxiliary circuit
External I/Os via M12 socket		Number	2/1
Control voltage	U <sub>C</sub>		400 V AC
<b>Notes</b>			
Equipment supplied:			
<ul style="list-style-type: none"> <li>• Motor feeder socket to DESINA Standard</li> <li>• With AS-Interface/M12 plug on the unit</li> <li>• With power plug on the unit</li> </ul>			

## General

Standards			EN 50081-1 EN 50082-2 IEC/EN 55011/A1 Class A IEC/EN 55022 Class A IEC/EN 60947 DIN VDE 0660 Part 303
Protection type (IEC/EN 60529, EN50178, VBG 4)			IP65
Operation		°C	- 25 - 40
Ambient temperature, storage		°C	- 25 - 70
Mechanical shock resistance (IEC/EN 60068-2-27)			
Semi-sinusoidal 10 g/10 ms			6 shocks/axis
Mounting position			Vertical
Weight		kg	2.7
Indication elements			LED

## Main circuit

Supply			
Rated operational voltage	$U_e$	V AC	400
Mains current	I	A	6.6
Rated operational current	$I_e$	A	6.6
Rated impulse withstand voltage	$U_{imp}$	kV	4
Overvoltage category/pollution degree			III/2
Frequency range		Hz	50 - 60
Short-circuit protective device, type "1" coordination		Type	RA-DI PKZ2/ZM25-8 FAZ-3-B20, FAZ-3-C20
Rated conditional short-circuit current AC		$kA_{rms}$	10
Motor circuit			
Assigned motor rating		kW	0.09 - 3
Setting range, motor protection		A	0.3 - 6.6
Tripping class		A	10
Output voltage	$U_L$	V AC	$U_e$
Frequency range, motor output		Hz	50 - 60

## Control circuit

24 V DC			
Rated voltage	$U_e$	V DC	24
Tolerance		%	-15...20
Typical current consumption at 24 V DC		mA	200
AS-Interface			
Max. total power consumption from AS-Interface (30 V DC power supply unit)		mA	50...220
AS-Interface Specification			2.1
Slave addresses		Number	62
IO code (Hex)			7
ID code (Hex)			A
ID1-Code (Hex)			Address ...A = 0, address ...B = F
ID2-Code (Hex)			D
Inputs			
Data input 0		DI0	Automatic
Data input 1		DI1	Group fault
Data input 2		DI2	External input (I3)
Data input 3		DI3	External input (I4)
Outputs			
Data output 0		DO0	Main contactor
Data output 1		DO1	Reversing contactor
Data output 2		DO2	LED O3 and external output RA-MO-4A(O3)

## Mains connection cable

Terminal capacities		$mm^2$	1.5
Material of outer casing			Halogen free

## Technical data ETIM 4.0

Function		Direct starter
Rated control supply voltage $U_s$ at AC 50HZ	V	400 - 400
Rated control supply voltage $U_s$ at AC 60HZ	V	400 - 400
Rated control supply voltage $U_s$ at DC	V	0 - 0
Voltage type for actuating		DC
Rated operation power at AC-3, 400 V	kW	3
Rated operation current $I_e$	A	6,6
Conditioned rated short-circuit current $I_q$	kA	10
Setting range overload protector	A	0,3 - 6,6
With short-circuit release		Yes
Type of coordination		1
Connection type main current circuit		Flat plug-in connection
Degree of protection (IP)		IP65
Suited for bus connection		Yes

## Dimensions

