



Certificate of Compliance

Certificate: 2592365 (248779)

Master Contract: 248779

Project: 70049975

Date Issued: 2016-03-11

Issued to: Schneider Electric Automation GmbH
SchneiderPlatz 1
Marktheidenfeld, 97828
GERMANY
Attention: Michael Schweizer

The products listed below are eligible to bear the CSA Mark shown



Issued by: Bernd Kreitmeier
Bernd Kreitmeier

PRODUCTS

CLASS - C321106 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers - Miscellaneous

For details related to rating, size, configuration, etc. reference should be made to the CSA Certification Record or the descriptive report.

Power Conversion Equipment, Servo Motor Drive System ILM62, consisting of:
Open Type Connection Module ILM62CMD20#, Enclosed Type Distribution Box ILM62DB4# and Enclosed Type electronic unit with motor ILM, followed by 070, 100 or 140; followed by 1, 2 or 3; followed by M or P #.

Accessories:

- Hybrid Cable type VW3E11, followed by 41, 42, or 46 through 52; or 55 through 58 followed R followed by 000 through 999.
- Enclosed Type Daisy Chain Connection Box, type ILM62DC, followed by A through Y #.
- Enclosed Connectors Model Sercos III DB4 Connector 24Vout D1 model VW3E6047, Sercos III DB4 Connector D1 model VW3E6029, PowerCable 24Vin D1 / M23 1.0m models: VW3E1163R010, VW3E1163R020 and VW3E1163R030.
- Enclosed Option Module VW3E7022#, # - may be followed by additional letters and/or numbers. The option module W3E70022 will be assembled on top of motor type IL62.



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Ratings:

Model ILM62CMD20xxxx (Connection Module):

	Input		Output	
	Voltage	Current	Voltage	Current
DC-Bus Supply	Max. 700 Vdc	20 A	Max. 700 Vdc	20 A
Control Supply	24 Vdc	20 A	24 Vdc	20 A
Inverter Enable	24 Vdc	1.5 A	40 Vac	2 A

Surrounding air temperature up to 55°C.

Model ILM62DB4xxxx (Distribution Box):

	Input		Output	
	Voltage	Current	Voltage	Current
DC-Bus Supply	Max. 700 Vdc	20 A	Max. 700 Vdc	20 A
Control Supply	24 Vdc	20 A	24 Vdc	20 A
Inverter Enable	40 Vac	2 A	40 Vac	2 A

Environmental Type Rating: Type 1
 Ambient Temperature: Up to 55°C

Model ILM62DCx (Daisy Chain Connection Box):

	Voltage	Current
DC-Bus Supply	Max. 700 Vdc	20 A
Control Supply	24 Vdc	20 A
Inverter Enable	40 Vac	2 A

Environmental Type Rating: Type 1
 Ambient Temperature: Up to 60°C

Connectors:

Model	Inverter enable signal	DC Bus	Control power	Input		Output	
				Voltage	Current	Voltage	Current
Sercos III DB4 Connector 24Vout D1 (VW3E6047)	No	No	Yes	24Vdc	7.5A	24Vdc	7.5A
Sercos III DB4 Connector D1 model (VW3E6029)	No	No	No	---	---	---	---



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PowerCable 24V _{in} D1 / M23(VW3E1163R0xx)	Yes	Yes	Yes	700Vdc 24Vdc 40Vac	20A 20A 2A	700Vdc 24Vdc 40Vac	20A 20A 2A
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Environmental Type Rating: Type 1
 Ambient Temperature: Up to 55°C

Servo Motor Units:

ILM070:

Environmental Type Rating: Type 1
 Maximum Ambient Temperature: Up to 40°C
 Input: DC-Bus 680 V dc
 Control voltage 24 V dc / 0.25 A w/o brake
 24 V dc / 0.55 A with brake

Stack	Winding	Input current	Speed	Rated torque	Rated current	Stall torque	Stall current
		[A dc]	[rpm]	[Nm]	[A]	[Nm]	[A]
1	P	0.6	6000	0.5	0.6	1.1	1.55
2	P	0.9	6000	1.2	1.5	1.7	2.50
3	P	1.2	6000	1.4	1.5	2.2	2.70

ILM100:

Environmental Type Rating: Type 1
 Maximum Ambient Temperature: 40°C
 Input: DC-Bus 680 V dc
 Control voltage 24 V dc / 0.25 A w/o brake
 24 V dc / 0.75 A with brake

Stack	Winding	Input current	Speed	Rated torque	Rated current	Stall torque	Stall current
		[A dc]	[rpm]	[Nm]	[A]	[Nm]	[A]
1	P	1.2	3000	1.9	1.4	2.5	1.80
2	P	1.7	3000	2.9	2.0	4.4	2.90
3	P	2.0	3000	3.5	2.4	5.8	3.60

ILM140:

Environmental Type Rating: Type 1
 Ambient Temperature: 40°C
 Input: DC-Bus 680 V dc
 Control voltage 24 V dc / 0.25 A w/o brake
 24 V dc / 1.00 A with brake



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Stack	Winding	Input current	Speed	Rated torque	Rated current	Stall torque	Stall current
		[A dc]	[rpm]	[Nm]	[A]	[Nm]	[A]
1	M	2.4	1500	8.3	3.15	8.5	3.2
1	P	2.7	3000	4.6	2.9	7.5	4.7
2	P	3.7	2000	9.1	3.7	12.5	4.8

Note: # - May be followed by additional letters and/or numbers.

APPLICABLE REQUIREMENTS

- CAN/CSA-C22.2 No. 0-10 - General Requirements - Canadian Electrical Code, Part II
- CAN/CSA-C22.2 No. 0.4-04 - Bonding of Electrical Equipment
- CSA-C22.2 No. 14-13 - Industrial Control Equipment
- CSA-C22.2 No. 274-13 - Adjustable speed drives