

MCM Technical Specifications	MCM LV Line	MCM LV - Inverter	MCM MV & HV
	for low voltage motors	for low voltage inverter driven motors	for medium and high voltage motors
<i>Dimensions</i> (W x H x L)	96mm x 96mm x 140mm	96mm x 96mm x 140mm Front panel mounting	96mm x 96mm x 140mm Front panel mounting
<i>Enclosure</i>	Aluminium, RAL 7032 surface protection	Aluminium, RAL 7032 surface protection	Aluminium, RAL 7032 surface protection
<i>Operations</i>	Continuous	Continuous	Continuous
<i>Ambient temperature</i>	0-40c (Humidity %90 RH non-condensing)	0-40c (Humidity %90 RH non-condensing)	0-40c (Humidity %90 RH non-condensing)
<i>Class</i>	IP20	IP20	IP20
<i>Applicable power range</i>	Low voltage motors	Low voltage inverter driven motors	Medium and high voltage motors
<i>Interfaces</i>	RS 485 serial I/O, Modbus, Artebus	RS 485 serial I/O, Modbus, Artebus	RS 485 serial I/O, Modbus, Artebus
<i>Digital outputs</i>	1 assignable relay output, user programmable NC/NO contacts	1 assignable relay output, user programmable NC/NO contacts	1 assignable relay output, user programmable NC/NO contacts
<i>Update period</i>	60-120 seconds	60-120 seconds	60-120 seconds
<b>Input Line Power Specifications</b>			
<i>Voltage</i>	90-240 VAC	90-240 VAC	90-240 VAC
<i>Power</i>	15 W	15 W	15 W
<i>Frequency</i>	50-60 Hz	50-60 Hz	50-60 Hz
<b>Measurement Inputs</b>			
<i>Nominal supply frequency, fn</i>	50-60 Hz	10-120 Hz	50-60 Hz
<i>Line-line rms input voltages</i>	380-480 VAC	380-480 VAC	100 V, 110 V or 120 V
<i>Nominal input current range</i>	>5 A MCMLV line units require three external 5A, 0,5  Class secondary current transformers. IEC 60044-1, ANSI 57.13	Inverter types require external hall effect sensors or assemblies depending on motor current range	>5 A All medium/high voltage MCM units require three external 5A secondary current transformers of appropriate primary inputs
<i>Applicable standards</i>	EN 61000 EN 60950 EN 55011 CE	EN 61000 EN 60950 EN 55011 CE	EN 61000 EN 60950 EN 55011 CE
<i>Nato stock number</i>	6.62527E+12	6.62527E+12	6.62527E+12
<i>Weight</i>	1200 Gr	1150 Gr	1250 Gr
These units can be connected to Local Area Network (LAN) using TCP / IP-RS 422/485 converters.			