

DCM CU TECHNICAL SPECIFICATION

Power supply	Quantity	1
	Marked	"Input"
	Connector type	IEC 950 entry module
	Fuses	2*1.5A slow
	Voltage range	100 - 240VAC, 50/60 Hz, Max70W
Control output	Quantity	3
	Marked	"DCM UNIT 1","DCM UNIT 2","DCM UNIT 3"
	Connector type	M12, 8 pole Female
	Standard	IEC 61076-2-101
	Output voltage	18-24VDC
	Max output current	2.5A
	Communication	RS485, baud rate 921.6 K Baud
Communication PC	Trig signal	5-24VDC
	Quantity	1
	Marked	"RS232 TO COMPUTER"
	Connector type	9-pole D-sub, female
	Communication type	RS232, baud rate 115.2 K Baud
Communication SA	Isolation	1000 V DC
	Quantity	1
	Marked	"RS-232 TO SWITCH ANALYZER"
	Connector type:	9-pole D-sub, male
	Communication type:	RS232, baud rate 115.2 K Baud
Communication Network	Isolation:	1000 V DC
	Quantity	1
	Marked	"ETHERNET"
	Connector type:	RJ45
Communication Bluetooth	Communication type:	ETHERNET 100 Mb/s
	Quantity	1
	Marked	"BLUETOOTH"
	Connector type	BLUETOOTH ANTENNA SMA MALE
	Communication type	Serial communication via Bluetooth ® version 2.1
	Communication protocols	Support for version 2.1 + Enhanced Data Rate (EDR) Backward compliant with Bluetooth version 2.0, 1.2, 1.1
	Scope	< 100 meters (Line of sight)
	Baud rate	115.2 K baud
	Data size	8-bit
	Parity	None
	Stop bits	1
	Flow control	None
	Environment	Dimensions
Weight		about 1.2 kg
Operating temperature		-20 - 40 °C
Storing temperature		-20 - 70 °C
Relative humidity		20 - 85% non-condensing
Altitude operating		< 2 000 m
Altitude non-operating		< 12 000 m

DCM 2 TECHNICAL SPECIFICATION

Control input	Quantity Marked Connector type Standard Charge voltage Max charge current: Communication Trig signal:	1 "CONNECT TO CONTROL UNIT" M12, 8 pole Male IEC 61076-2-101 18-24VDC 2.5A RS485, baud rate 921.6 K Baud 5-24VDC
Current output	Quantity Marked Connector type Output Current pulse time: Current limitation:	2 + 1 Return "+ CURRENT 1", "+ CURRENT 2", "- CURRENT 1, 2" High current sockets with locking, nom 100A type: ID/B6AR-N-S (Manufacturer: Multi Contact) 0-1.6VDC, 0-225A (Depends of cable resistance) max 200ms By cable resistance.
Voltage Sense Input	Quantity Marked Connector type Measurement range 1 Analog resolution 1 Measurement range 2 Analog resolution 2	2 + 2 Reference "+ SENSE 1", "+ SENSE 2", "- SENSE 1", "- SENSE 2" Isolated banana socket ± 0.15 VDC 14 bits Resolution about 0,000185 V DC / Bit ± 1.5 VDC 14 bits Resolution about 0,000185 V DC / Bit
Measuring resistance	Range1 Measurement range 1 Measurement range 2 Sample rate	$\leq 750 \mu\Omega \pm 1 \mu\Omega @ 200A$ $\leq 1.5 m\Omega \pm 10 \mu\Omega @ 200A$ $\leq 5.0 m\Omega \pm 10 \mu\Omega @ < 200A$ 50KHz
Environment	Dimensions Weight Operating temperature Storing temperature Relative humidity Altitude operating Altitude non-operating	165*50*175 (With*Height*Depth) about 1.6 kg -20 - 40 °C -20 - 70 °C 20 - 85% non-condensing < 2 000 m < 12 000 m

Contact

Elcon International AB

Address: Hyttrisvägen 27, SE-770 14 Nyhammar, Sweden

Phone: +46-(0)240-64 11 10, Fax: +46-(0)240-64 13 19

E-mail: info@elcon.se, Web: www.elcon.se

Distributor:

