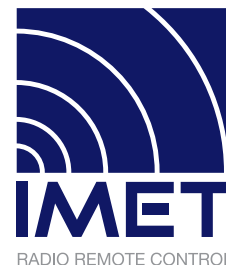


M880 RECEIVING UNITS



	H AC / H DC	L AC / L DC	S AC / S DC	M AC
Supply voltage	H AC: 45-240 VAC (50-60Hz); H DC: 11÷30 VDC e 24 VAC (50-60 Hz)	L AC: 24-240 VAC (50-60 Hz); L DC: 11÷30 VDC	S AC: 24 VAC (50-60 Hz) / 12÷30 VDC (Optional 24-440 VAC [50-60 Hz]) S DC: 12÷30 VDC	12÷30 VDC / 24 VAC (50-60 Hz)
Absorbed power	H AC: 45VA; H DC: 44W @11-30Vd.c. / 68VA @24Va.c. 50-60Hz	L AC: 30 VA Max; L DC: 22W Max	S AC: 10 VA Max / 9 W; S DC: 5,5W Max	22W Max
Maximum absorption	H AC: 1.1A@45Va.c.; H DC: 4° @ 11V d.c. / 2.8°@24Va.c.	L AC: ≈ 1,2A Max @24Vac; L DC: ≈ 2A max @11Vdc	S AC: ≈ 0,4A Max @24Vac / 0,7A Max @12Vdc; S DC: ≈ 0,5A max @11Vdc	≈ 2A max @11Vdc
Safety commands	STOP, Safety-Enable (up to 8)	STOP, Safety-Enable	STOP, Safety-Enable	STOP, Safety-Enable
Generic commands	73 * relays or MOS, 32 * Analog (PWM, current, voltage)	16 relays or 20 MOS, 8 Analog (PWM, current, voltage)	S AC: 14 relays (N.O.); S-DC: Max 14 MOSFET (N.O), 4 Analog, 2 Digital IN	22 relays (18 N.O. and 4 N.C./N.O.) 4 Analog (Current, voltage)
Service commands	Start, Horn, Timed-Relay	Start, Horn, Timed-Relay #	Start, Horn	Start, Horn
STOP relay category *	PLe Cat 4, ISO 13849-1 6.2.7 architecture	PLe Cat 4, ISO 13849-1 6.2.7 architecture	PLe Cat 4, ISO 13849-1 6.2.7 architecture. PLc Cat 1, ISO 13849-1 6.2.3 architecture, (Con ARES2 C e WAVE2 C)	PLe Cat 4, ISO 13849-1 6.2.7 architecture
Field BUS	RS232 / RS485 (115200 Baud max) CAN_Bus (ID 11-29 bit) (1Mbit/s max) CANOpen (ID 11-29 bit) (1Mbit/s max)	RS232 / RS485 (115200 Baud max) CAN_Bus (ID 11-29 bit) (1Mbit/s max) CANOpen (ID 11-29 bit) (1Mbit/s max), Profinet, Ethernet IP	RS232 / RS485 (115200 Baud max) CAN_Bus (ID 11-29 bit) (1Mbit/s max) CANOpen (ID 11-29 bit) (1Mbit/s max)	RS232 / RS485 (115200 Baud max) CAN_Bus (ID 11-29 bit) (1Mbit/s max) CANOpen (ID 11-29 bit) (1Mbit/s max), Profinet, Ethernet IP
Integrated flashing light	/	/	Only AC version	/
Operating temperature	-25°C +70°C / -13°F +158°F	-25°C +60°C / -13°F +140°F	-25°C +60°C / -13°F +140°F	-25°C +70°C / -13°F +158°F
Degree of protection	IP 66	IP 66	IP 66	IP20
Dimensions	205 x 130 x 280 mm / 8.07 x 5.11 x 11.02 in	140 x 65 x 230 mm / 5.51 x 2.55 x 9.05 in	127 x 147 x 70 mm / 5 x 5.78 x 2.75 in	180 x 73 x 120 mm / 7.08 x 2.87 x 4.72 in
Weight	3500 g / 7,71 lb	1700 g / 3,74 lb	600 g / 1,32 lb	900 g / 1,98 lb

* = depends on the configuration / # = only for L DC

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