Série M2, M4 - Contrôle CA

AMADA WELD TECH offre une variété de contrôles CA, conçus pour répondre aux besoins spécifiques des applications individuelles. Les alimentations électriques à courant alternatif avec contrôle d'angle de phase sont généralement les alternatives les plus abordables aux autres technologies.

Caractéristiques Série M2, M4 - Contrôle CA

- Modifications spécifiques à l'application possibles
- Sondage de tension variable
- Usage fonctionnel

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Specifications Série M2, M4 - Contrôle CA 1/2

Critères	M2L	M2P	M4L
Matériel de configuration	Compact Tower AC power supply for external welding transformers; with integrated power stage	Compact Tower AC power supply for external welding transformers; with integrated power stage	Compact 19" flat AC Power supply with air control unit, without main stage
Caractéristiques spéciales	M2P and M4P are equipped with external program selection and proportional valve control	M2P and M4P are equipped with external program selection and proportional valve control	M2P and M4P are equipped with external program selection and proportional valve control
Options génériques	Cycle control unit; 3-point electrodes for Insulated wire welding, other voltages; external weld schedules with 99 programs via BCD selection	Cycle control unit; 3-point electrodes for Insulated wire welding, other voltages; external weld schedules with 99 programs via BCD selection	Cycle control unit; 3-point electrodes for Insulated wire welding, other voltages; external weld schedules with 99 programs via BCD selection
Options spéciales	.	.	Integral air cassette C40 (M4L) or CPV (M4P)
Tension d'alimentation	400 V AC +/3 10% (440/480 V optional for M4L and M4P)	400 V AC +/3 10% (440/480 V optional for M4L and M4P)	400 V AC +/3 10% (440/480 V optional for M4L and M4P)
Fréquence principale	50-60 Hz	50-60 Hz	50-60 Hz
Valeur de connexion	4.5 kVA (with TRM3 transformer)	4.5 kVA (with TRM3 transformer)	Depends on transformer
Fusion	25/20A delayed	25/20A delayed	Depends on transformer
Classe de protection	IP30	IP30	IP30
Tension de soudage	Depends on connected transformer	Depends on connected transformer	Depends on connected transformer
Tension de circuit ouvert	Variable via 8-step switch, Vmax is dependent on connected transformer	Variable via 8-step switch, Vmax is dependent on connected transformer	Depends on transformer
Puissance nominale	Depends on connected transformer; max 15 kVA at 50% d.r.	Depends on connected transformer; max 15 kVA at 50% d.r.	Depends on transformer
Valeur de puissance nominale maxi	Depends on transformer max 80 kVA	Depends on transformer max 80 kVA	Depends on transformer
Courant de soudage maxi	Depends on connected transformer	Depends on connected transformer	Depends on connected transformer
Sequence control	For weld head with stroke cylinder or for weld pincers as an option.	For weld head with stroke cylinder or for weld pincers as an option.	For weld head with stroke cylinder or for weld pincers as an option.
Mode de contrôle / contrôle	Via phase angle with secondary voltage stepping switch	Via phase angle with secondary voltage stepping switch	Via phase angle with secondary voltage stepping switch
Contrôle des têtes de soudage	Variable hold, rest and repeat times; as selected via air or proportional valve, with closing and welding pressure	Variable hold, rest and repeat times; as selected via air or proportional valve, with closing and welding pressure	Variable hold, rest and repeat times; as selected via air or proportional valve, with closing and welding pressure
Programmes de soudage programmables et externes	99	99	99
Nombre d'impulsions de soudage	2 programmable pulses	2 programmable pulses	2 programmable pulses

Contrôle des impulsions de soudage	Closing time, squeeze time, up-slope, on-time, down-slope	Closing time, squeeze time, up-slope, on-time, down-slope	Closing time, squeeze time, up-slope, on-time, down-slope
Répét. de la 2e impulsion de soudage	Max. 99	Max. 99	Max. 99
Weld transformer	TRM3	TRM3	TRM1, TRM3, TRM4 or TR5
Entrées et sorties analogiques	M2L, M4L: none; M2P, M4P, Pressure sensor for proportional valve	M2L, M4L: none; M2P, M4P, Pressure sensor for proportional valve	M2L, M4L: none; M2P, M4P, Pressure sensor for proportional valve
Entrée d'interface binaire	Start 1 to 3, quick-stop, without current	Start 1 to 3, quick-stop, without current	Start 1 to 3, quick-stop, without current
Sortie d'interface binaire	Stepping contact; ready; air valve 1 to 3; locking contact; BSD selection (M2P and MP4P only)	Stepping contact; ready; air valve 1 to 3; locking contact; BSD selection (M2P and MP4P only)	Stepping contact; ready; air valve 1 to 3; locking contact; BSD selection (M2P and MP4P only)
Temp. de l'environnement	0-40 °C	0-40 °C	0-40 °C
Refroidissement	Water-cooled (2L/min at 3 bar)	Water-cooled (2L/min at 3 bar)	Air-cooled
Approbation légale	CE compliant	CE compliant	CE compliant
Poids	Approx. 30 kg	Approx. 30 kg	Approx. 7.5 kg
Dimensions (L x H x P)	220 x 420 x 570 mm	220 x 420 x 570 mm	450 x 135 x 335 mm

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Specifications Série M2, M4 - Contrôle CA 2/2

Critères	M4P
Matériel de configuration	Compact 19" flat AC Power supply with air control unit, without main stage
Caractéristiques spéciales	M2P and M4P are equipped with external program selection and proportional valve control
Options génériques	Cycle control unit; 3-point electrodes for Insulated wire welding, other voltages; external weld schedules with 99 programs via BCD selection
Options spéciales	Integral air cassette C40 (M4L) or CPV (M4P)
Tension d'alimentation	400 V AC +/3 10% (440/480 V optional for M4L and M4P)
Fréquence principale	50-60 Hz
Valeur de connexion	Depends on transformer
Fusion	Depends on transformer
Classe de protection	IP30
Tension de soudage	Depends on connected transformer
Tension de circuit ouvert	Depends on transformer
Puissance nominale	Depends on transformer
Valeur de puissance nominale maxi	Depends on transformer
Courant de soudage maxi	Depends on connected transformer
Sequence control	For weld head with stroke cylinder or for weld pincers as an option.
Mode de contrôle / contrôle	Via phase angle with secondary voltage stepping switch
Contrôle des têtes de soudage	Variable hold, rest and repeat times; as selected via air or proportional valve, with closing and welding pressure
Programmes de soudage programmables et externes	99
Nombre d'impulsions de soudage	2 programmable pulses
Contrôle des impulsions de soudage	Closing time, squeeze time, up-slope, on-time, down-slope
Répét. de la 2e impulsion de soudage	Max. 99
Weld transformer	TRM1, TRM3, TRM4 or TR5
Entrées et sorties analogiques	M2L, M4L: none; M2P, M4P, Pressure sensor for proportional valve
Entrée d'interface binaire	Start 1 to 3, quick-stop, without current
Sortie d'interface binaire	Stepping contact; ready; air valve 1 to 3; locking contact; BSD selection (M2P and MP4P only)
Temp. de l'environnement	0-40 °C
Refroidissement	Air-cooled
Approbation légale	CE compliant
Poids	Approx. 7.5 kg
Dimensions (L x H x P)	450 x 135 x 335 mm

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Product applications Série M2, M4 - Contrôle CA

Automotive

Electronics

Attachment

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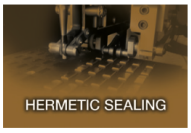
OUR TECHNOLOGIES



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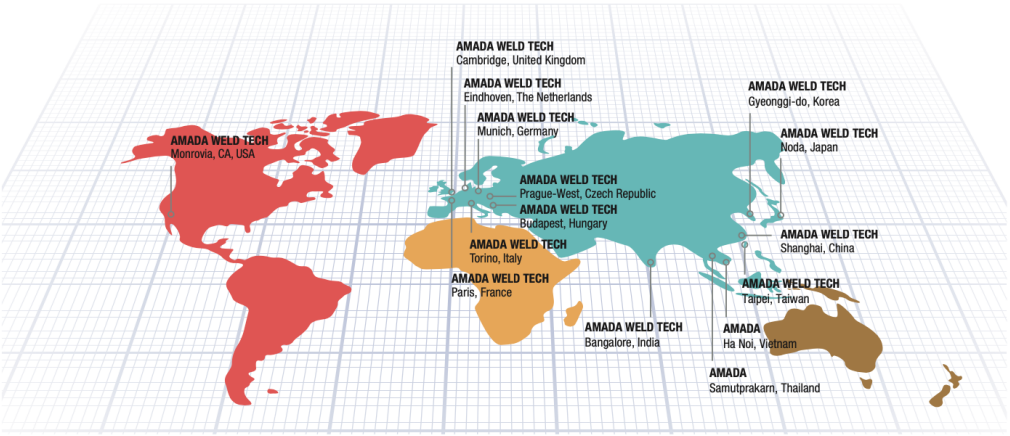

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