



**Electric Automation**  
Automation specialists

Référence: RSO48110

Paramètres sélectionnés SYSTEME Module de sortie  
CHARGE 3 Phases LARGEUR DU BOÎTIER >45mm à  
90mm CARACTERISTIQUE MOTEUR >14kW à 20kW  
TENSION DE FONCTIONNEMENT Jusqu'à 550VCA  
COURANT DE CHARGE >100A à 150A PHASES  
CONTROLEES 3-Phases Autres CHARGE (résultat)  
Output module for soft starting/stopping of 3-phase  
induction motors COURANT DE CHARGE 110A AC  
PUISSANCE MOTEUR MAXI 15 kW TENSION DE  
FONCTIONNEMENT 400-510V ACeff DIMENSIONS 103 x  
73.5 x 40 mm PHASES CONTROLEES 3-Phases



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## Motor Controllers

### 3-Phase Analog Power Controller

Types RSC-AAM60/RSO .....

- Control and output modules for analogue control of 3-phase induction motors or heaters
- Rated operational current: 3 x 10, 25, 50, 90, 110 AACrms
- Rated operational voltage: Up to 600 VACrms
- Supply voltage range: 10 to 32 VDC
- Control current range: 0 to 20 mA/4 to 20 mA
- LED-indication for line ON and load ON
- Varistor protection
- Approvals: CE, CCC, UL, CSA

### Product Description Ordering Key

RSC-AA M 60

The micro processor based control module RSC-AAM60 is used with output modules RSO... to achieve a voltage controlled soft start/soft stop of 3-phase motors and a possibility for energy reduction when e.g. a fan is running with a variable capacity. This function is achieved by controlling the control module with a current between 4 and 20 mA (0 and 20 mA). The output module can be selected according to the rated operational voltage and the size of the load.

This phase angle controlled soft-start unit can be used for pumps, fans, heaters, lights and many other applications.

LED indications for line ON and load ON gives a clear status indication.

Solid State Relay

Soft starting/stopping Control module Output module Control input type Multivoltage

Rated operational voltage

Rated operational current

RSO 4050

Type Selection, Control Module

Control current Mains Max. operational voltage Type Number

0-20 mA/4-20 mA Multivoltage 600 VAC RSC-AA M 60

Type Selection, Output Module

Rated operational voltage Rated operational current

10 A 25 A 50 A 90 A 110 A

3 x 220 VAC RSO 2210 RSO 2225 RSO 2250 RSO 2290 RSO 22110

3 x 400 VAC RSO 4010 RSO 4025 RSO 4050 RSO 4090 RSO 40110

3 x 480 VAC RSO 4810 RSO 4825 RSO 4850 RSO 4890 RSO 48110

3 x 600 VAC RSO 6050 RSO 6090 RSO 60110

General Spec., Control Module Control Specifications

Operational voltage range

Line to line 150 to 660 VACrms

Operational frequency range 45 to 65 Hz

Supply current

@ no output current < 30 mA

@ max. output current < 180 mA

Supply voltage range 10 to 32 VDC CE-marking Yes

Approvals UL, CSA, CCC

Minimum output voltage Power supply minus 8 VDC Output current

short-circuit protected  $\leq 150$  mA DC

Thermal Specifications

Operating temperature  $-20^{\circ}$  to  $+70^{\circ}\text{C}$  ( $-4^{\circ}$  to  $+158^{\circ}\text{F}$ ) Storage temperature  $-40^{\circ}$  to

$+100^{\circ}\text{C}$  ( $-40^{\circ}$  to  $+212^{\circ}\text{F}$ )

Specifications are subject to change without notice (26.03.2010) 1