

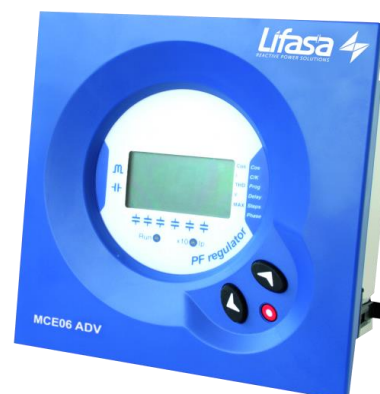
MCE ADV

REGULADOR ESTÁNDAR STANDARD CONTROLLER

Descripción / Description

Los reguladores de energía de la serie MCE ADV están diseñados para medir las necesidades de energía reactiva de una instalación y dar las correspondientes órdenes de conexión y desconexión de condensadores para mantener el coseno φ prefijado.

Power factor controllers MCE-6 ADV (6 steps) and MCE-12 ADV (12 steps) measure the $\cos \varphi$ of a supply system and control the automatic connection and disconnection of compensation capacitors, according to desired $\cos \varphi$.



Características técnicas / Technical characteristics

• Tensión nominal alimentación / <i>Supply and measurement voltage</i>	230/400/480 V
• Frecuencia / <i>Frequency range</i>	45 ... 65 Hz (ajuste automático)/(automatic adjust)
• Consumo / <i>Power consumption</i>	MCE ADV-6 3VA (sin relés/no relays) y/and 5,5VA (6 relés conectados/6 relays on) MCE ADV-12 4VA (sin relés/no relays) y/and 8,5VA (12 relés conectados/12 relays on) /5 A (no incluido/not included)
• Transformador de intensidad externo / <i>External current transformer</i>	
• Precisión de la medida de corriente / <i>Accuracy of voltage measurement</i>	1%
• Selección de programas de trabajo / <i>Working program selection</i>	1.1.1.1., 1.2.2.2., 1.2.4.4., 1.2.4.8. y/and 1.1.2.2.
• Ajuste continuo del cos φ / <i>Adjustment of $\cos \varphi$</i>	0.85 Ind – 0.95 Cap (digital)
• Display LCD / <i>LCD Display</i>	1 línea/line x 3 dígitos/digits x 7 segmentos/segments + 20 iconos/icons
• Lectura del cos φ / <i>Lecture of $\cos \varphi$</i>	Display LCD
• Precisión de la medida del cos φ / <i>Accuracy of $\cos \varphi$ measurement</i>	2% $\pm$ 1 dígito/digit
• Ajuste del factor C/K / <i>Adjustment of C/K factor</i>	0.02 ... 1 (digital)
• Selección tiempo conexión condensadores/ <i>Connection time between steps</i>	4 ... 999 seg./sec.(10s por defecto/default)
• Selección tiempo de reconexión/ <i>Reconnection time of capacitors</i>	5 veces el tiempo de conexión/5 times T connection
• Temperatura de trabajo / <i>Climatic range</i>	-10/+50°C
• Conexión / <i>Wiring</i>	Regleta de bornes/Connection terminal
• Grado de protección / <i>Degree of protection</i>	IP40 montado en panel (según EN60529) IP40 mounted on panel board (as per EN60529)
• Seguridad/Aislamiento / <i>Safety/Insulation</i>	EN61010-1, Cat. III Ambiente 2/Environment 2.
• Dimensiones regulador / <i>Dimensions</i>	144x144mm (agujero para montaje/hole 138x138mm)
• Profundidad total / <i>Total depth</i>	60mm
• Peso aproximado / <i>Weight</i>	538g
• Selección nº de relés de salida / <i>Selection the number of output relays</i>	MCE ADV-6: 6 relés/6 relays MCE ADV-12: 12 relés/12 relays
• Estrategia de control / <i>Control strategy</i>	(Programa que minimiza el nº de maniobras / algorithm to minimize switching operations)
• Contactos de relés de salida/ <i>Output relays contacts</i>	4 A/ 250V AC1

Referencia Code	Modelo Model	Alimentación Power (V)	Dimensiones Size (mm)	Escalón Steps
MCE06ADV230	MCE ADV 6	230	144 x 144	6
MCE06ADV400	MCE ADV 6	400	144 x 144	6
MCE12ADV230	MCE ADV 12	230	144 x 144	12
MCE12ADV400	MCE ADV 12	400	144 x 144	12



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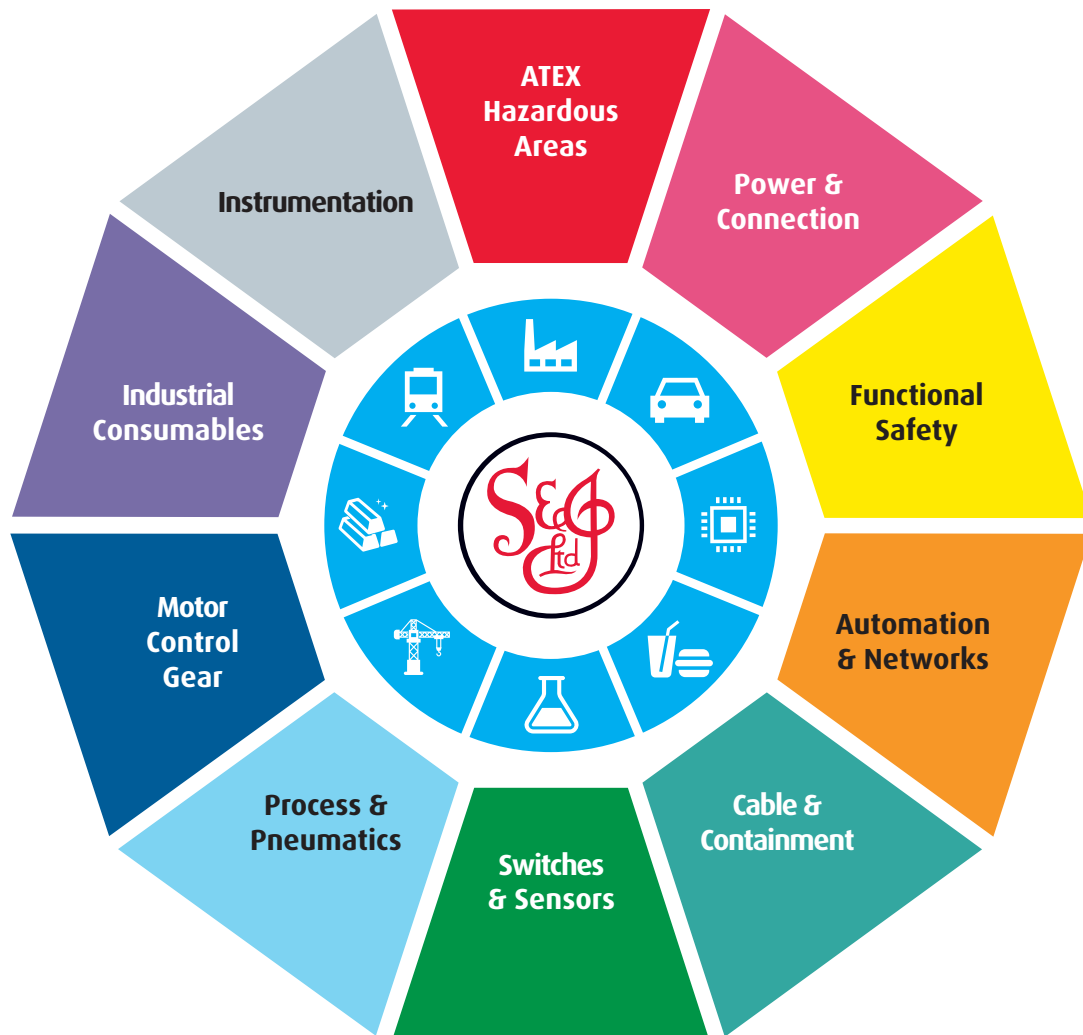
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