
PRODUCT-DETAILS

A260-30-11-59

A260-30-11 690V 60Hz Contactor



Información General

Tipo de producto extendido	A260-30-11-59
Código de producto	1SFL531001R5911
EAN	7320500239902
Descripción corta	A260-30-11 690V 60Hz Contactor
Descripción larga	A 3-phase Contactor suitable for various applications such as Motor starting, Isolation, Bypass and Distribution application up to max 690 V. Operated with control voltage, versions from 24...690 AC, 50 and 60 Hz

Clasificación

Cantidad mínima de pedido	1 piece
Código arancelario	85364900

Descargas Populares

Ficha técnica, información técnica	1SBC100192C0206
Instrucciones y manuales	1SFC380003-89
Diagrama de dimensiones	53540930-2

Dimensiones

Ancho del product	140 mm
Largo del product	180.5 mm
Alto del producto	227 mm
Peso del product	5.4 kg

Technical

Number of Main Contacts NO	3
Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	1
Number of Auxiliary Contacts NC	1
Tensión nominal de operación	Main Circuit 690 V
Frecuencia nominal (f)	Main Circuit 60 Hz
Conventional Free-air Thermal Current (I_{th})	acc. to IEC 60947-4-1, Open Contactors $q = 40^\circ\text{C}$ 400 A
Rated Operational Current AC-1 (I_e)	(690 V) 40°C 400 A (690 V) 55°C 350 A (690 V) 70°C 290 A
Rated Operational Current AC-3 (I_e)	(415 V) 55°C 260 A (440 V) 55°C 240 A (500 V) 55°C 240 A (690 V) 55°C 220 A (380 / 400 V) 55°C 260 A (220 / 230 / 240 V) 55°C 260
Rated Operational Power AC-3 (P_e)	(415 V) 140 kW (440 V) 140 kW (500 V) 180 kW (690 V) 200 kW (380 / 400 V) 140 kW (220 / 230 / 240 V) 80 kW
Rated Breaking Capacity AC-3	8 x I_e AC-3
Rated Making Capacity AC-3	10 x I_e AC-3
Dispositivos de protección contra cortocircuitos	gG Type Fuses 160 A
Maximum Breaking Capacity	$\cos \phi = 0.45$ ($\cos \phi = 0.35$ for $I_e > 100$ A) at 440 V 2600 A $\cos \phi = 0.45$ ($\cos \phi = 0.35$ for $I_e > 100$ A) at 690 V 2400 A
Maximum Electrical Switching Frequency	(AC-1) 300 cycles per hour (AC-2 / AC-4) 150 cycles per hour (AC-3) 300 cycles per hour
Rated Operational Current DC-1 (I_e)	(110 V) 2 Poles in Series, 40°C 400 A (220 V) 3 Poles in Series, 40°C 400 A
Rated Operational Current DC-3 (I_e)	(110 V) 2 Poles in Series, 40°C 400 A (220 V) 3 Poles in Series, 40°C 400 A
Rated Operational Current DC-5 (I_e)	(110 V) 2 Poles in Series, 40°C 400 A (220 V) 3 Poles in Series, 40°C 400 A
Rated Insulation Voltage (U_i)	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V acc. to UL/CSA 600 V
Rated Impulse Withstand Voltage (U_{imp})	Main Circuit 8 kV
Mechanical Durability	5 million
Maximum Mechanical Switching Frequency	3600 cycles per hour
Coil Operating Limits	(acc. to IEC 60947-4-1) 0.85 x U_c Min. ... 1.1 x U_c Max. (at $\theta \leq 70^\circ\text{C}$)
Rated Control Circuit Voltage (U_c)	60 Hz 690 V
Coil Consumption	Holding at Max. Rated Control Circuit Voltage 50 Hz 60 V·A Holding at Max. Rated Control Circuit Voltage 60 Hz 65 V·A

	Pull-in at Max. Rated Control Circuit Voltage 50 Hz 1350 V·A Pull-in at Max. Rated Control Circuit Voltage 60 Hz 1550 V·A
Operate Time	Between Coil De-energization and NC Contact Closing 7 ... 13 ms Between Coil De-energization and NO Contact Opening 10 ... 16 ms Between Coil Energization and NC Contact Opening 12 ... 30 ms Between Coil Energization and NO Contact Closing 17 ... 35 ms
Connecting Capacity Main Circuit	Bar 32 mm ² Rigid Al-Cable 2 x 95 ... 120 mm ² Rigid Cu-Cable 16 ... 240 mm ²
Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm ² Flexible 1x0.75 ... 2.5 mm ² Solid 2 x 1 ... 4 mm ² Stranded 2 x 1 ... 4 mm ²
Grado de protección	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00
Connecting Terminals (delivered in open position) Main Poles	Flat type c/w screws and bolts
Tipo de terminal	Main Circuit: Bars

Technical UL/CSA

NEMA Size	5
Maximum Operating Voltage UL/CSA	Main Circuit 600 V
General Use Rating UL/CSA	(600 V AC) 350 A
Potencia nominal UL/CSA	(200 V AC) Three Phase 75 hp (208 V AC) Three Phase 75 hp (220 ... 240 V AC) Three Phase 100 hp (440 ... 480 V AC) Three Phase 200 hp (550 ... 600 V AC) Three Phase 250 hp

Ambiente

Temperatura ambiente	Close to Contactor Fitted with Thermal O/L Relay (0.85 ... 1.1 Uc) -25 ... 50 °C Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 Uc) -40 ... 70 °C Close to Contactor for Storage -40 ... +70 °C
Altitud máxima de funcionamiento permisible	Without Derating 3000 m
Resistencia a los golpes según IEC 60068-2-27	Shock Direction: A 5 g Shock Direction: B1 5 g Shock Direction: B2 5 g Shock Direction: C1 5 g Shock Direction: C2 5 g
Estado de RoHS	Following EU Directive 2011/65/EU

Certificados y Declaraciones (Número de Documento)

Certificado BV	09826/C0 BV
CQC Certificate	CQC2008010304279325
Declaration of Conformity - CCC	2020980304001552
Declaración de conformidad - CE	2CMT2015-005436
Declaration of Conformity - UKCA	2CMT2020-006118
Certificado DNV	DNV_E-12191
Información medioambiental	1SFC101003D0201
Certificado GL	GL_15529-00HH
Instrucciones y manuales	1SFC380003-89

LOVAG Certificate	IT99056
Certificado LR	LR_12-70003
Certificado RINA	ELE060313XG/001
Certificado RMRS	RMRS_12-03683-315
Información sobre RoHS	2CMT2015-005436

Información de Embalaje

Embalaje Nivel 1 Unidades	box 1 piece
Embalaje Nivel 1 Ancho	203 mm
Embalaje Nivel 1 Largo	245 mm
Embalaje Nivel 1 Alto	188 mm
Embalaje Nivel 1 Peso	6.1 kg
Embalaje Nivel 1 EAN	7320500239902

Clasificaciones

Código de clasificación de objetos	Q
ETIM 4	EC000066 - Magnet contactor, AC-switching
ETIM 5	EC000066 - Magnet contactor, AC-switching
ETIM 6	EC000066 - Power contactor, AC switching
ETIM 7	EC000066 - Power contactor, AC switching
ETIM 8	EC000066 - Power contactor, AC switching
Clase electrónica	V11.0 : 27371003
UNSPSC	39121529
Código de categoría granular de IDEA (IGCC)	4755 >> Contactores

Categorías

Productos y sistemas de baja tensión → Aparatos de control → Contactores → Contactores

