

PRODUCT-DETAILS

AS16-30-01-26

AS16-30-01-26 230V50/60HZ Contactor



Algemene informatie

Type	AS16-30-01-26
Artikelnummer	1SBL121001R2601
EAN	3471523037267
Omschrijving	AS16-30-01-26 230V50/60HZ Contactor
Omschrijving	<p>AS16 contactors are mainly used for controlling 3-phase motors and generally for controlling power circuits up to 690 V AC or 220 V DC. They are mainly used for controlling 3-phase motors, non-inductive or slightly inductive loads. The AS... series 1-stack 3-pole contactors are of the block type design. - Main poles and auxiliary contact blocks: 3 main poles, 1 built-in auxiliary contact, front-mounted add-on auxiliary contact blocks (mechanically-linked auxiliary contacts compliant with Annex L of IEC 60947-5-1. N.C. mirror contacts compliant with Annex F of IEC 60947-4-1) - Control circuit: AC operated with laminated magnet circuit</p> <p>- Accessories: a wide range of accessories is available.</p>

Ordering

Minimale bestelhoeveelheid	1 stuk
Numerus douanetarief	85364900

Popular Downloads

Instructies en handleidingen	1SBC101020M9701
CAD Dimensional	2CDC001079B0201

Drawing

Dimensions

Product netto breedte	45 mm
Product netto diepte	72.5 mm
Product netto hoogte	68 mm
Product netto gewicht	0.22 kg

Technical

Aantal hoofdcontacten NO	3
Aantal hoofdcontacten NC	0
Aantal hulpcontacten NO	0
Aantal hulpcontacten NC	1
Normen	IEC 60947-1 / 60947-4-1 and EN 60947-1 / 60947-4-1, UL 508, CSA C22.2 N° 14
Nominaal bedrijfsvoltage	Auxiliary Circuit 690 V Main Circuit 690 V
Toegekende frequentie (f)	Auxiliary Circuit 50 / 60 Hz Main Circuit 50 / 60 Hz
Conventionele vrije-lucht thermische stroom (I_{th})	acc. to IEC 60947-4-1, Open Contactors $\Theta = 40^\circ\text{C}$ 25 A acc. to IEC 60947-5-1, $\Theta = 40^\circ\text{C}$ 10 A
Nominale bedrijfsstroom AC-1 (I_e)	(690 V) 40 °C 24 A (690 V) 60 °C 20 A (690 V) 70 °C 16 A
Nominale bedrijfsstroom AC-3 (I_e)	(415 V) 60 °C 15.5 A (440 V) 60 °C 13.6 A (500 V) 60 °C 12.5 A (690 V) 60 °C 9 A (380 / 400 V) 60 °C 15.5 A (220 / 230 / 240 V) 60 °C 15.7 A
Nominale bedrijfsvermogen AC-3 (P_e)	(400 V) 7.5 kW (415 V) 7.5 kW (440 V) 7.5 kW (500 V) 7.5 kW (690 V) 7.5 kW (220 / 230 / 240 V) 4 kW
Nominale bedrijfsstroom AC-15 (I_e)	(500 V) NC 2 (500 V) 2 A (690 V) 2 A (24 / 127 V) 6 A (220 / 240 V) 4 A (400 / 440 V) 3 A
Nominale kortstondige grensstroom (I_{cw})	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 124 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 24 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 55 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 250 A at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 75 A for 0.1 s 140 A for 1 s 100 A
Maximale breekcapaciteit	cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 440 V 155 A cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 690 V 90 A
Maximale elektrische schakelfrequentie	(AC-1) 600 omwentelingen per uur (AC-15) 1200 omwentelingen per uur (AC-2 / AC-4) 300 omwentelingen per uur (AC-3) 1200 omwentelingen per uur (DC-13) 900 omwentelingen per uur
Nominale bedrijfsstroom DC-13 (I_e)	(24 V) 6 A / 144 W (48 V) 2.8 A / 134 W (72 V) 1 A / 72 W (110 V) 0.55 A / 60 W (125 V) 0.55 A / 69 W (220 V) 0.27 A / 60 W (250 V) 0.27 A / 68 W

Nominaal isolatievoltage (U _i)	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 690 V acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V acc. to UL/CSA 600 V
Nominale impuls grensvoltage (U _{imp})	Auxiliary Circuit 6 kV
Maximale mechanische schakelfrequentie	3600 omwentelingen per uur
Nominale stuurstroomkringspanning (U _c)	50 Hz 230 V 60 Hz 230 V
Bedieningstijd	Between Coil De-energization and NC Contact Closing 7 ... 22 ms Between Coil De-energization and NO Contact Opening 5 ... 19 ms Between Coil Energization and NC Contact Opening 6 ... 18 ms Between Coil Energization and NO Contact Closing 9 ... 24 ms
Verbindingscapaciteit hoofdcircuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm ² Rigid 1/2x 0.75 ... 4 mm ²
Verbindingscapaciteit hulpcircuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm ² Rigid 1/2x 0.75 ... 2.5 mm ²
Verbindingscapaciteit controlecircuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm ² Rigid 1/2x 0.75 ... 2.5 mm ²
Kabelstriplengte	Auxiliary Circuit 9 mm Control Circuit 9 mm Main Circuit 9 mm
Beschermingsgraad	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
Terminaltype	Schroef

Technical UL/CSA

Algemeen gebruik klasse UL/CSA	(600 V AC) 20 A
Paardenkrachtklasse UL/CSA	(120 V AC) Single Phase 3/4 hp (200 ... 208 V AC) Three Phase 3 hp (220 ... 240 V AC) Three Phase 5 hp (240 V AC) Single Phase 2 hp (440 ... 480 V AC) Three Phase 10 hp (550 ... 600 V AC) Three Phase 10 hp
Aanhaalmoment UL/CSA	Auxiliary Circuit 9 in-lb Control Circuit 9 in-lb Main Circuit 9 in-lb

Environmental

Omgevingsluchttemperatuur	bij schakelaar uitgevoerd met thermisch overbelastingsrelais -25 ... 60 °C bij schakelaar zonder thermisch overbelastingsrelais -40 ... 70 °C bij schakelaar voor opslag -60 ... +80 °C
Klimaatbestendig	Category B according to IEC 60947-1 Annex Q
Maximale werkhoogte toegestaan	Without Derating 3000 m
Weerstand tegen trillingen volgens IEC 60068-2-6	5 ... 300 Hz 3 g Closed position / 2 g Open position
Schokweerstand volgens IEC 60068-2-27	Closed, Shock Direction: B1 10 g Closed, Shock Direction: C1 20 g Closed, Shock Direction: C2 20 g Open, Shock Direction: B1 5 g Open, Shock Direction: C1 9 g Open, Shock Direction: C2 14 g Shock Direction: A 20 g

Shock Direction: B2 15 g

Certificates and Declarations

CB-certificaat	CB_CN13475-M1
CCC-certificaat	CCC_2007010309251577
CQC-certificaat	CQC2007010309251577
Declaration of Conformity - CCC	2020980304001224
Conformiteitsverklaring - CE	1SBD250014U1000
Declaration of Conformity - UKCA	1SBD250049U1000
GOST-certificaat	GOST_POCCCNME77B07822.pdf
UL-certificaat	UL_20120917_E312527_1_1
UL-noteringskaart	UL_E312527

Container Information

Pakketniveau 1 Units	1 stuk
Pakketniveau 1 Breedte	78 mm
Pakketniveau 1 Lengte	80 mm
Pakketniveau 1 Hoogte	48 mm
Pakketniveau 1 Brutogewicht	0.22 kg
Pakketniveau 1 EAN	3471523037267
Pakketniveau 2 Units	40 stuk
Pakketniveau 2 Breedte	250 mm
Pakketniveau 2 Lengte	195 mm
Pakketniveau 2 Hoogte	315 mm
Pakketniveau 2 Brutogewicht	8.8 kg
Pakketniveau 3 Units	960 stuk

Classifications

Object classificatiecode	Q
ETIM 4	EC000066 - Magnet contactor, AC-switching
ETIM 5	EC000066 - Magnet contactor, AC-switching
ETIM 6	EC000066 - Magneetschakelaar
ETIM 7	EC000066 - Power contactor, AC switching
ETIM 8	EC000066 - Magneetschakelaar
eClass	V11.0 : 27371003
UNSPSC	39121529
IGCC (IDEA granulaire categoriecode)	4761 >> Magnet contactor, AC-switching
E-Number (Sweden)	3210517

Categorieën

Laagspanningsproducten en -systemen → Control Producten → Magneetschakelaars → Magneetschakelaars

