



 PRODUCT-DETAILS

AS12-30-10S-23

AS12-30-10S-23 110V50/60HZ Contactor



Algemene informatie

Type	AS12-30-10S-23
Artikelnummer	1SBL111004R2310
EAN	3471523040236
Omschrijving	AS12-30-10S-23 110V50/60HZ Contactor

Lange omschrijving	<p>AS12 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..S contactors are the spring terminal version of the AS... range. 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 - Accessories: a wide range of accessories is available.</p>
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Bestelinformatie

Minimale bestelhoeveelheid	40 stuk
Numerum douanetarief	85364900

Populaire downloads

Gegevensblad, technische informatie	1SBC100214C0202
Instructies en handleidingen	1SBC101020M9701

Afmetingen

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

Technische specificaties

Aantal hoofdcontacten NO	3
Aantal hoofdcontacten NC	0
Aantal hulpcontacten NO	1
Aantal hulpcontacten NC	0
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 $\Theta = 40^\circ\text{C}$ 22 A acc. to IEC 60947-5-1, $\Theta = 40^\circ\text{C}$ 10 A
Nominale bedrijfsstroom AC-1 (I_e)	(690 V) 40 °C 22 A (690 V) 60 °C 17 A (690 V) 70 °C 14 A
Nominale bedrijfsstroom AC-3 (I_e)	(415 V) 60 °C 12 A (440 V) 60 °C 11 A (500 V) 60 °C 11 A (690 V) 60 °C 7 A (380 / 400 V) 60 °C 12 A (220 / 230 / 240 V) 60 °C 12 A
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 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
Nominale bedrijfsvermogen AC-3 (P_e)	(400 V) 5.5 kW (415 V) 5.5 kW (440 V) 5.5 kW (500 V) 5.5 kW (690 V) 5.5 kW (220 / 230 / 240 V) 3 kW
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 22 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
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 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
Maximale mechanische schakelfrequentie	3600 omwentelingen per uur
Nominale stuurstroomkringspanning (U _c)	50 Hz 110 V 60 Hz 110 V
Vermogensverlies	at Rated Operating Conditions AC-1 per Pole 1.1 W at Rated Operating Conditions AC-3 per Pole 0.33 W
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 1/2x 0.75 ... 1.5 mm ² Rigid 1/2x 0.75 ... 2.5 mm ²
Verbindingscapaciteit hulpcircuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 1/2x 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 1/2x 0.75 ... 1.5 mm ² Rigid 1/2x 0.75 ... 2.5 mm ²
Kabelstriplengte	Auxiliary Circuit 10 mm Control Circuit 10 mm Main Circuit 10 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	Spring Terminals
Productnaam	Block Contactor

Technische specificaties UL/CSA

Algemeen gebruik klasse UL/CSA	(600 V AC) 12 A
Paardenkrachtklasse UL/CSA	(120 V AC) Single Phase 1/2 hp (200 ... 208 V AC) Three Phase 2 hp (220 ... 240 V AC) Three Phase 3 hp (240 V AC) Single Phase 1.5 hp (440 ... 480 V AC) Three Phase 7.5 hp (550 ... 600 V AC) Three Phase 10 hp
Vollast amps motorgebruik	(120 V AC) Single Phase 9.8 A (200 ... 208 V AC) Three Phase 7.8 A (220 ... 240 V AC) Three Phase 9.6 A (240 V AC) Single Phase 10 A (440 ... 480 V AC) Three Phase 11 A (550 ... 600 V AC) Three Phase 11 A

Milieu

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
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
Weerstand tegen trillingen volgens IEC 60068-2-6	3g Closed Position & 2g Open Position 5 ... 300 Hz

Material Compliance

Rapport over conflictmineralen (CMRT)	9AKK108467A5658
REACH-verklaring	2CMT2021-006202
RoHS-informatie	2CMT2021-006277
RoHS-status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	2CMT2023-006525
AEEA B2C / B2B	Business To Business
WEEE-categorie	5. Small Equipment (No External Dimension More Than 50 cm)

Certificaten en verklaringen (documentnummer)

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

Verpakkingsinformatie

Pakketniveau 1 Units	doos 1 stuk
Pakketniveau 1 Breedte	78 mm
Pakketniveau 1 Lengte	80 mm
Pakketniveau 1 Hoogte	48 mm
Pakketniveau 1 Bruto gewicht	0.22 kg
Pakketniveau 1 EAN	3471523040236

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

Externe classificaties en normen

Object classificatiecode	Q
ETIM 7	EC000066 - Power contactor, AC switching
ETIM 8	EC000066 - Magneetschakelaar
ETIM 9	EC000066 - Magneetschakelaar
eClass	V11.0 : 27371003
UNSPSC	39121529
IGCC (IDEA granulaire categoriekecode)	4755 >> Contactors

Categorieën

Laagspanningsproducten en -systemen → Control Producten → Magneetschakelaars → Magneetschakelaars → AS-schakelaars → AS12

