

PRODUCT-DETAILS

# UA75-30-00RA 110V 50Hz / 110-120V 60Hz UA75-30-00RA 110V 50Hz / 110-120V 60Hz Contactor



## Algemene informatie

Type	UA75-30-00RA 110V 50Hz / 110-120V 60Hz
Artikelnummer	1SBL411024R8400
EAN	3471522305848
Omschrijving	UA75-30-00RA 110V 50Hz / 110-120V 60Hz Contactor

Omschrijving	<p>UA75..RA 3-pole contactors for capacitor switching, can be used in installations in which the peak current far exceeds 100 times nominal rms current. The contactors are delivered complete with their damping resistors and must be used without additional inductances (see table below). The capacitors must be discharged (maximum residual voltage at terminals <math>\leq 50</math> V) before being re-energized when the contactors are making. Their electrical durability is 250 000 operating cycles for <math>U_e &lt; 500</math> V and 100 000 operating cycles for <math>500 \text{ V} \leq U_e \leq 690</math> V. The UA..RA contactors are fitted with a special front mounted block, which ensures the serial insertion of 3 damping resistors into the circuit to limit the current peak on energization of the capacitor bank. Their connection also ensures capacitor precharging in order to limit the second current peak occurring upon making of the main poles. The insertion of resistors allows to damp the highest current peak of the capacitor when switching on, whatever its level. The UA..RA series 3-pole contactors are of the block type design. - Main poles: 3 main poles - Control circuit: AC operated with laminated magnet circuit - Accessories: a wide range of accessories is available.</p>
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## Ordering

Minimale bestelhoeveelheid	1 stuk
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Nummer douanetarief

85364900

## Popular Downloads

Gegevensblad, technische informatie	1SBC101140C0203
Instructies en handleidingen	1SBC101002M5501
CAD Dimensional Drawing	2CDC001079B0201
Dimensiediagram	FPTE307844

## Dimensions

Product netto breedte	70 mm
Product netto diepte	140.4 mm
Product netto hoogte	150 mm
Product netto gewicht	1.35 kg

## Technical

Aantal hoofdcontacten NO	3
Aantal hoofdcontacten NC	0
Aantal hulpcontacten NO	0
Aantal hulpcontacten NC	0
Normen	IEC/EN 60947-1, IEC/EN 60947-4-1
Nominaal bedrijfsvoltage	Main Circuit 690 V
Toegekende frequentie (f)	Control Circuit 50 / 60 Hz Main Circuit 50 / 60 Hz
Nominale bedrijfsvermogen AC-6b ( $P_e$ )	(230 / 240 V) 40 °C, 50 / 60 Hz 35 kvar (230 / 240 V) 55 °C, 50 / 60 Hz 30 kvar (230 / 240 V) 70 °C, 50 / 60 Hz 25 kvar (400 / 415 V) 40 °C, 50 / 60 Hz 60 kvar (400 / 415 V) 70 °C, 50 / 60 Hz 41 kvar (400 / 415 V) 55 °C, 50 / 60 Hz 50 kvar (440 V) 40 °C, 50 / 60 Hz 65 kvar (440 V) 55 °C, 50 / 60 Hz 53 kvar (440 V) 70 °C, 50 / 60 Hz 45 kvar (500 / 550 V), 40 °C, 50 / 60 Hz 75 kvar (500 / 550 V) 55 °C, 50 / 60 Hz 65 kvar (500 / 550 V) 70 °C, 50 / 60 Hz 55 kvar (690 V) 40 °C, 50 / 60 Hz 100 kvar (690 V) 55 °C, 50 / 60 Hz 80 kvar (690 V) 70 °C, 50 / 60 Hz 70 kvar
Beschermende apparaten met kortsluiting	gG Type Fuses 200 A
Maximale breekcapaciteit	$\cos \phi=0.45$ ( $\cos \phi=0.35$ for $I_e > 100$ A) at 440 V 1300 A $\cos \phi=0.45$ ( $\cos \phi=0.35$ for $I_e > 100$ A) at 690 V 630 A
Maximale elektrische schakelfrequentie	240 omwentelingen per uur
Nominaal isolatievoltage ( $U_i$ )	acc. to IEC 60947-4-1 1000 V acc. to UL/CSA 600 V
Nominale impuls	8 kV

grensvoltage ( $U_{imp}$ )

Nominale stuurstroomkringspanning ( $U_c$ )	50 Hz 110 V 60 Hz 110 ... 120 V
Spoelverbruik	Average Holding Value 50 / 60 Hz 18 V·A Average Holding Value 50 Hz 18 V·A Average Holding Value 60 Hz 18 V·A Average Pull-in Value 50 Hz 180 V·A Average Pull-in Value 60 Hz 210 V·A
Bedieningstijd	Between Coil De-energization and NO Contact Opening 4 ... 11 ms Between Coil Energization and NO Contact Closing 8 ... 27 ms
Montage op DIN-rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH75-25 (75 x 25 mm Mounting Rail) acc. to IEC 60715
Montage door schroeven (niet meegeleverd)	2 x M6 screws placed diagonally
Verbindingscapaciteit hoofdcircuit	Flexible with Cable End 6 ... 10 mm <sup>2</sup> Rigid Cable 6 ... 16 mm <sup>2</sup>
Verbindingscapaciteit hulp­circuit	Flexible with Cable End 0.75 ... 2.5 mm <sup>2</sup> Rigid Cable 1 ... 4 mm <sup>2</sup>
Beschermingsgraad	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10
Aansluitklemmen (geleverd in open positie) Hoofdpolen	M 6 (+,-) pozidriv 2 screws with 1x (13 x 10 mm) connector
Terminaltype	Schroef

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**Environmental**

Omgevingsluchttemperatu ur	bij schakelaar voor opslag -60 ... +80 °C Near Contactor for Operation in Free Air (0.85 ... 1.1 Uc) -40 ... +55 °C Near Contactor for Operation in Free Air (Uc) -40 ... 70 °C
Klimaatbestendig	acc. to IEC 60068-2-30 and 60068-2-11 - UTE C 63-100 specification II
Maximale werkhoopte toegestaan	Without Derating 3000 m
RoHS-status	Following EU Directive 2011/65/EU

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**Certificates and Declarations**

CB-certificaat	CB_CN-58853
CCC-certificaat	CCC_2018010304128277
CQC-certificaat	CQC2018010304128277 CQC2018010304128276 CQC2008010304290409
Declaration of Conformity - CCC	2020980304001620 2020980304001623 2020980304001215
Conformiteitsverklaring - CE	1SBD250805U1000
Declaration of Conformity - UKCA	1SBD250822U1000
GOST-certificaat	GOST_POCCFRME77B07175
UL-certificaat	UL-US-L312527-1101-21215991-6 UL-CA-2139468-4
UL-noteringskaart	UL_E312527

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## Container Information

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Pakketniveau 1 Units	doos 1 stuk
Pakketniveau 1 Breedte	160 mm
Pakketniveau 1 Lengte	200 mm
Pakketniveau 1 Hoogte	85 mm
Pakketniveau 1 Brutogewicht	1.35 kg
Pakketniveau 1 EAN	3471522305848
Pakketniveau 2 Units	doos 63 stuk
Pakketniveau 2 Brutogewicht	85.05 kg

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## Classifications

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Object classificatiecode	Q
ETIM 4	EC001079 - Capacitor magnet contactor
ETIM 5	EC001079 - Capacitor magnet contactor
ETIM 6	EC001079 - Condensatormagneetschakelaar
ETIM 7	EC001079 - Capacitor contactor
ETIM 8	EC001079 - Condensatormagneetschakelaar
eClass	V11.0 : 27371006
UNSPSC	39121529
IGCC (IDEA granulaire categoriegcode)	4756 >> Capacitor magnet contactor

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## Categorieën

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Laagspanningsproducten en -systemen → Control Producten → Magneetschakelaars → Magneetschakelaars → UA- en UA..RA-schakelaars

