

# Contactor

## Series

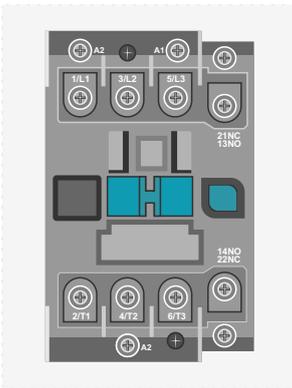
Contactor all Accessories

## User Manual

In order to better use this product, please read this manual before use

### ■ AC Contactor

Product appearance



Type	AC-1 (220V)	AC-3 (380V)	
	(A)	(kW)	(A)
DVX2-09-220	25	4	9
DVX2-12-220	25	5.5	12
DVX2-18-220	32	7.5	18
DVX2-25-220	40	11	25
DVX2-32-220	50	15	32
DVX2-40-220	60	18.5	40

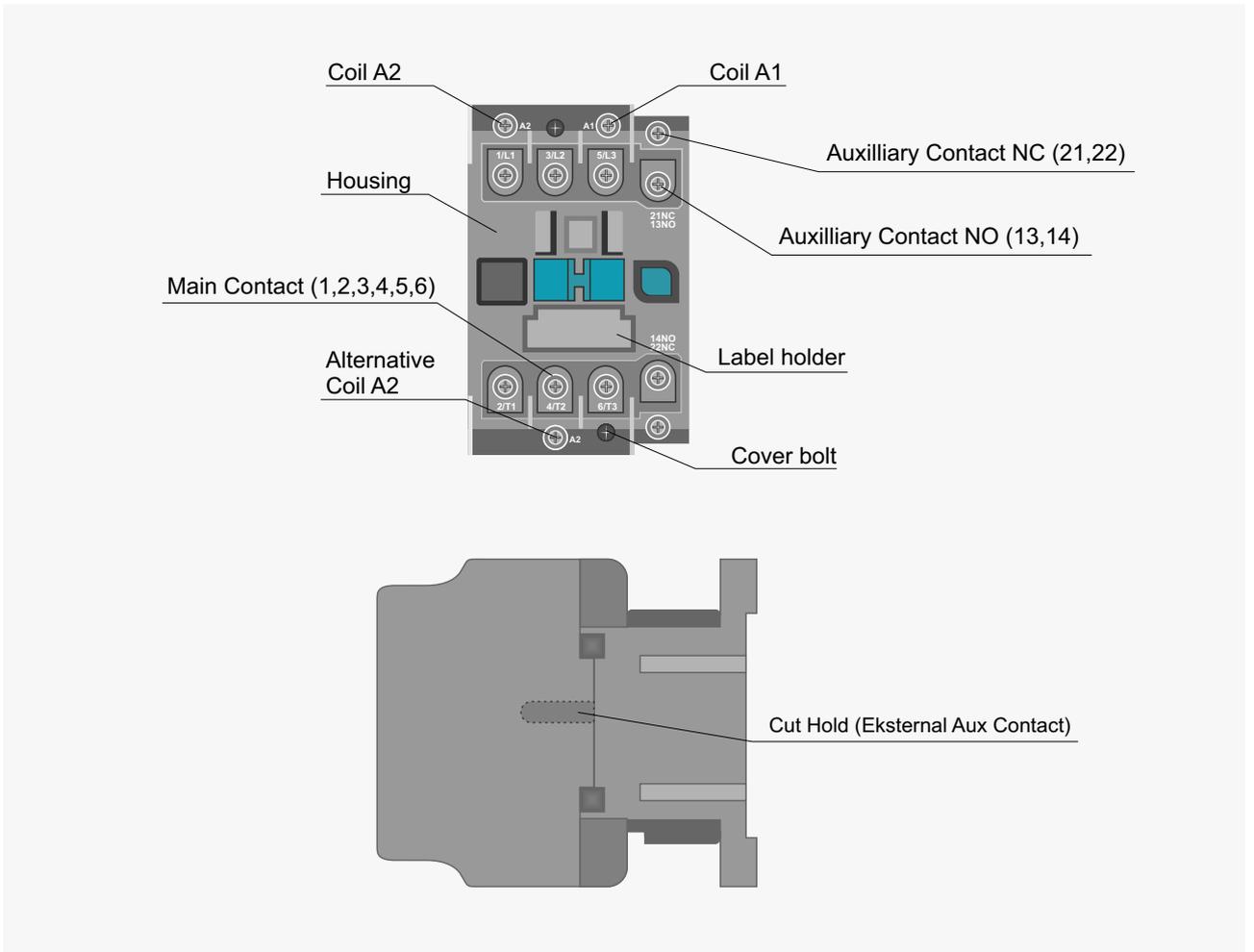
### ■ Specification

Product specifications and values

Parameter	Value
Rate voltage power	220/230V-380/400V-660/690V
Frecuency	50/60 Hz
Rate voltage coil	220/230V
Rate current coil	VDC: 0.15A - VAC: 0.95A
Temperature	40.5° - 52.5° C
Primary contact material	Electrical bimetall silver
Housing	Polyamide
Coil insulation	Enamel
Polution level	Level 3
Installation Category	Class III
Nominal insulation voltage Ui	690V
Rated operational current	9,12,18,25,32,40A
UImp	8kV
Mechanical life	12 Million
Electrical life	12 Million
Operation Frecuency (Time Hour)	1200/hour
Built-In Auxilliary Contact	1NO / 1NC
Ui Auxilliary Contact (internal)	690V
Ith Auxilliary Contact (internal)	10A
Color	Grey + Cyan
Dielectric type	Air break

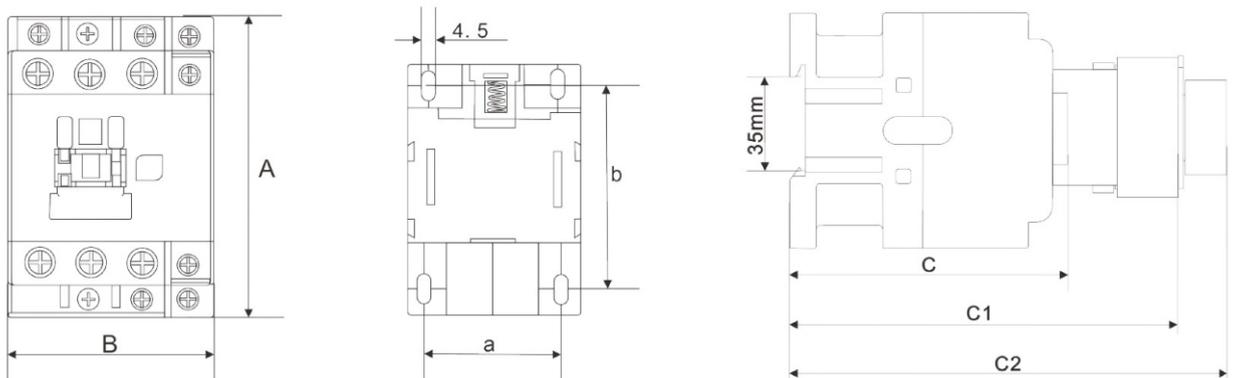
# ■ AC Contactor Detail

Component part details and names



# ■ Dimensions

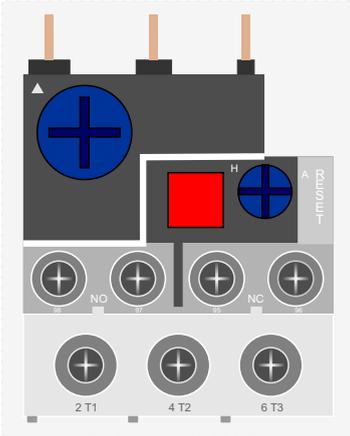
Contactor mounting dimensions



Product Model	A	B	C	C1	C2	a
DVX2-09	74	45.5	86.2	118.3	142	34.5
DVX2-12	74	45.5	86.2	118.3	142	34.5
DVX2-18	74	45.5	86.2	118.3	142	34.5
DVX2-25	83	56.3	98	131	164	40
DVX2-32	83	56.3	98	131	164	40
DVX2-40	124.5	73.6	116.5	149.5	172.5	60

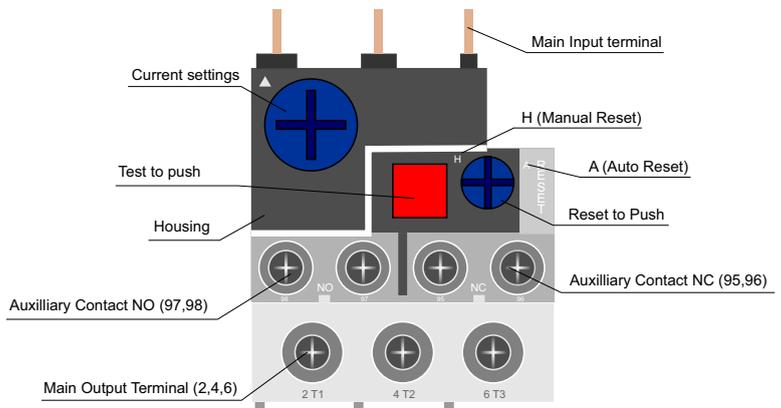
# TOR AC CONTACTOR

Thermal Overload Relay



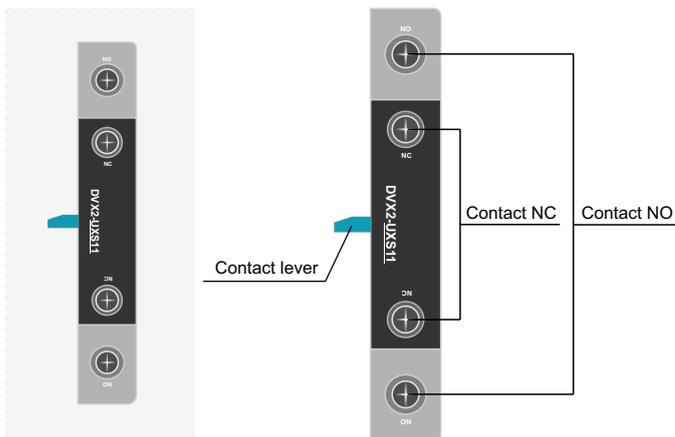
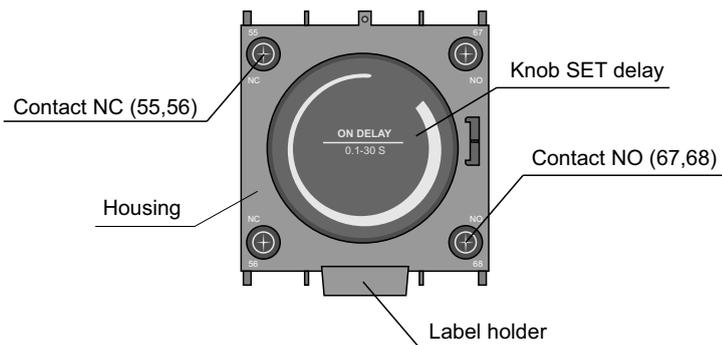
Type	Current Setting	For Contactor	
	(A)	From	To
DVTOR-25-1,6-2,5	1.6 - 2.5	DVX2-09	DVX2-32
DVTOR-25-2,5-4	2.5 - 4	DVX2-09	DVX2-32
DVTOR-25-5,5-8	5.5 - 8	DVX2-09	DVX2-32
DVTOR-25-7-10	7 - 10	DVX2-09	DVX2-32
DVTOR-25-9-13	9 - 13	DVX2-12	DVX2-32
DVTOR-25-12-18	12 - 18	DVX2-18	DVX2-32
DVTOR-25-17-25	17 - 25	DVX2-18	DVX2-32
DVTOR-25-23-32	23 - 32	DVX2-25	DVX2-32
DVTOR-25-30-40	30 - 40	DVX2-32	DVX2-40

A Thermal Overload Relay (TOR) or overload contactor is an electrical safety device installed on a contactor to protect an electric motor from damage caused by overload or overheating. This device cuts off the power to the main contactor when the current exceeds the setting, using a temperature sensitive bimetal.



# ACC AC CONTACTOR

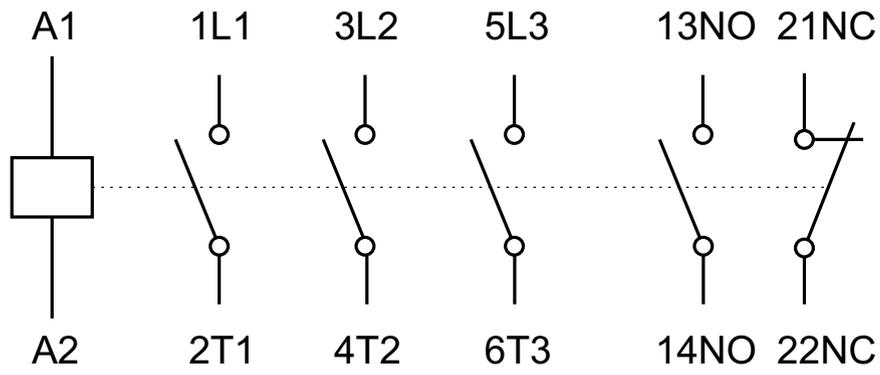
Accessories Auxilliary AC Contactor



There are additional components, namely time on delay and external auxiliary contacts to make it easier for you to create sophisticated controls.

On Delay	Air delay head power	ON: 0.1-30S
	Rate Voltage	690V
	Rate Current	10A
Aux Ekt	Ui Auxilliary Contact (eksternal)	220-690V
	Ith Auxilliary Contact (eksternal)	10A

Contactor wiring Diagram



Air delay head wiring Diagram

