

RS 125



The RS 125 contactor starter is made in a fireproof casing and allows for controlling one 90kW (500V) maximum power engine or two 45kW (500V) maximum power engines.

The apparatus is equipped with safety devices protecting against: short-circuits, load asymmetry, overload, main channel low insulation resistance, short circuits, high resistance and control circuit interruptions, high earthing resistance, incorrect supply voltage phase sequence (option).

The operation status of internal circuits and tripping of safety devices are signalled by means of LED indicators. The starter is also equipped with easy to read digital current meter, one for each output.

TECHNICAL SPECIFICATIONS

Model	RS 125
Nominal voltage	400 V, 500 V, 690 V, 50 Hz
Nominal DC	125 A or 2x63 A
Total input current	≤ 250 (loop-through 125 A)
AC3 category connection capacity Ue=500V	90 kW lub 2x45 kW
Overload protection adjustment range	30 ÷ 150A with 150/5A transformers or 10 ÷ 50A with 50/5A transformers
Outside auxiliary voltages with leak control	24V, 42V 50 Hz
Main channel BZU adjustment resistance	50 kΩ
Dimensions with inlets (width x height x depth)	1000x785x540 mm
Weight	210 kg
Casing electrical safety	IP54
Marking of the appliance	CE 1453 IM2(M1) Ex d [ia] I
Certificate number	KDB 06ATEX006X

MODEL TYPES

Characteristics		Version								
		01	02	03	04	05	06	07	08	09
Nominal connection voltage Ue		400 V, 500 V, 690 V								
Total output current I _o		≤125 A	≤100 A	≤125 A	≤125 A	≤100 A	≤125 A	≤125 A	≤100 A	≤125 A
Transformer types	Output I (1U, 1V, 1W)	150/5 A	50/5 A	150/5 A	150/5 A	50/5 A	150/5 A	150/5 A	50/5 A	150/5 A
	Output II (2U, 2V, 2W)	150/5 A	50/5 A	50/5 A	150/5 A	50/5 A	50/5 A	150/5 A	50/5 A	50/5 A
Overload protection range	Output I (1U, 1V, 1W)	30÷125 A	10÷50 A	30÷125 A	30÷125 A	10÷50 A	30÷125 A	30÷125 A	10÷50 A	30÷125 A
	Output II (2U, 2V, 2W)	A	A	10÷50 A	A	A	10÷50 A	A	A	10÷50 A
Additional accessories		Protection against voltage asymmetry and incorrect phase sequence			Monitoring and protection against voltage asymmetry and incorrect phase sequence			lack		
Drawing No.		AM-910056-01	AM-910056-02	AM-910056-03	AM-910056-04	AM-910056-05	AM-910056-06	AM-910056-07	AM-910056-08	AM-910056-09

STARTER'S SCHEMATIC DIAGRAM

EXAMPLE ORDER

RS125 type contactor starter as per drawing no. AM-910056-01 – indicates an order for starters fitted with 30 ÷ 125A overload protections

