

RE 19, RE 19R



The RE 19, RE 19 R contactor starters are made in a flameproof casing. The RE 19 allows for independence controlling two 55kW (500V) or 45 kW (1000V) maximum power engines. The RE19R allows for reverse controlling one 55 kW (500V) or 45kW (1000V) maximum power engine or two 22kW (500V, 1000V) maximum power engines.

The apparatuses are 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 phase sequence and asymmetry of supply voltage (optional equipment).

TECHNICAL SPECIFICATIONS

Model		RE 19	RE 19R
Nominal voltage		500 V or 1000 V 50 Hz	
Nominal DC		2 x 80 A	80 A
Total input current		≤ 400 A (load capacity grip of loop-through $I = 400$ A - I_{load})	
AC3 category connection capacity	$U_e = 500$ V	2x55 kW	1x55 kW or 2x22 kW
	$U_e = 1000$ V	2x45 kW	1x45 kW or 2x22 kW
Outside auxiliary voltages with leak control		24 V, 42 V, 50 Hz	
Main channel BZU adjustment resistance		50 k Ω	
Dimensions with inlets (width x height x depth)		1000 x 810 x 570 mm	
Weight		330 kg	
Casing electrical safety		IP54	
Marking of the appliance		CE 1453 IM2 EExd [ia] I	
Certificate number		KDB 07ATEX058X	

MODEL TYPES RE 19

Characteristics		Version					
		01	02	03	04	05	06
Overload protection range	Output I	5÷99 A	5÷99 A	1÷19,8 A	5÷99 A	5÷99 A	1÷19,8 A
	Output II	5÷99 A	1÷19,8 A	1÷19,8 A	5÷99 A	1÷19,8 A	1÷19,8 A
Additional accessories		lack			Protection against voltage asymmetry and incorrect phase sequence		
Drawing No.		AM-910098-01	AM-910098-02	AM-910098-03	AM-910098-04	AM-910098-05	AM-910098-06

MODEL TYPES RE 19R

Characteristics		Version			
		01	02	03	04
Overload protection range	Output I	5÷99 A	1÷19,8 A	5÷99 A	1÷19,8 A
	Output II	5÷99 A	1÷19,8 A	5÷99 A	1÷19,8 A
Additional accessories		lack		Protection against voltage asymmetry and incorrect phase sequence	
Drawing No.		AM-910099-01	AM-910099-02	AM-910099-03	AM-910099-04

EXAMPLE ORDER

RE 19 type contactor starter as per drawing no. AM-910098-04
 – indicates an order for starters RE 19 fitted with 5÷99A overload protection and with additional load asymmetry and incorrect phase sequence safety.

STARTER'S SCHEMATIC DIAGRAM

