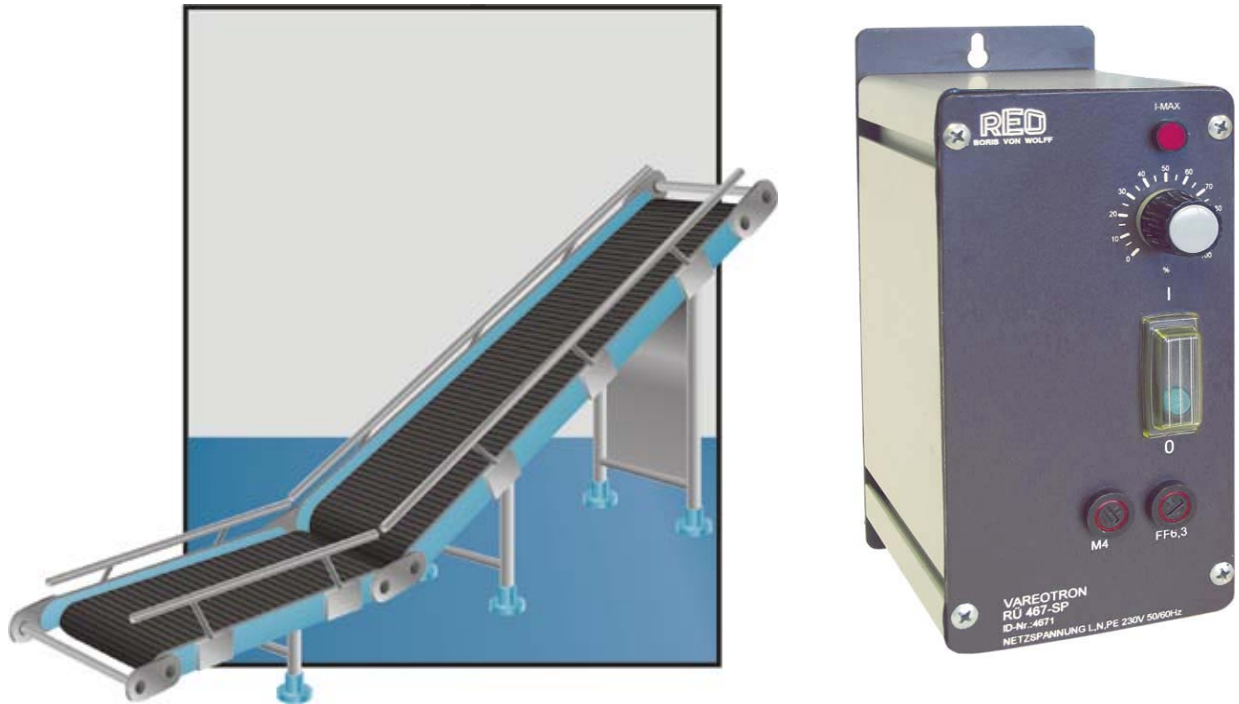


**Controller For DC Motors**

**VAREOTRON Ru 467**

**Enclosed - Version (IP 54)**



**1-quadrant drive for DC motors**

**Speed regulation using I x R compensation or tacho-generator**

**Level control from a feeder**

**Min and max speed settings**

**Integrated motor fuse**

**Enable contact**

**External set point**

# Controller For DC Motors

## VAREOTRON Ru 467

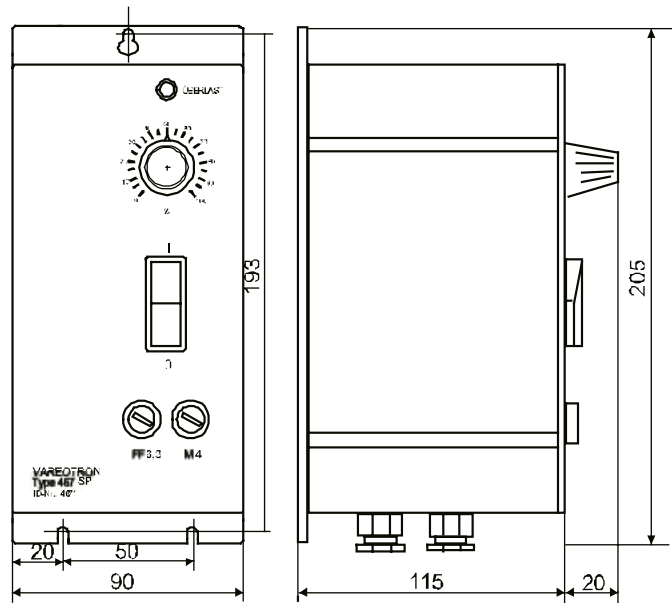
The Vareotron Ru467-SP series of control units are single-phase 1-quadrant drives for DC motors. They can be used with separately excited field or permanent magnet motors. The units are supplied in an IP54 enclosure complete with power switch, set-point, potentiometer for speed adjustment, fuse and a mains cable.

The rotational speed is determined by measurement of the armature current and so called I x R compensation or by using a tacho-generator. To prevent jolting a soft start and stop integrator is provided, which enables the ramp up/down times to be independently adjusted.

To prevent thermal overload of the motor due to constant running above its current limit, the motor is switched off when the current limit has been exceeded for longer than approximately 3 minutes. A current overload fault is indicated by an LED in the front panel. The unit can be reset by switching the power off and on again. An enable input is provided for switching the output power on and off (enable input is at mains potential).

The unit has a power rating of 540 W. There is a choice of plastic or aluminium housings.

Type:	VAREOTRON Ru 467
Input voltage U:	230 V +6 % -10 %, 50/60 Hz
Output power: Pel:	540 W
Field tension UF:	200 V, DC
Armature voltage UA:	0 - 180 V, DC
Armature current IA:	3 A
Field current IF:	0.8A
Regulation range tacho:	1 : 100
Regulation range I x R:	1 : 20
Enable:	Contact (at mains potential)
Set point potentiometer:	10 k
Operating temp:	0 - 45 °C
Mains connection cable:	ca. 2 m
Protection:	IP 54



M4 fixing screws

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