

RTE

5-Stage control unit with motor protection



5-Stage control unit

Single-phase, 5-speed controller with mains contactor and monitor light for speed regulation with transformer of voltage controlled motors/fans. With the step switch, which is built into the controller, five different speeds can be adjusted on the connected motor / fan. Thus switch step 1 corresponds to the lowest, respectively switch step 5 corresponds to the highest speed. The controllers control circuit is protected by a fuse of 2A.

Motor Protection

On exceeding the maximum permissible winding temperature of the motor/fan, the thermal contacts, which are embedded in the motor winding, open. The mains contactor, which is incorporated in the controller, drops and disconnects the motor/fan from the mains power supply. After the cause of the interruption has been remedied, restarting is only possible at the 0-position on the 5-step switch.

After power failure

With the design RTE automatic restart occurs after power failure.

Design

RTE 1.5 / RTE 3.2 / RTE 5

sturdy light grey plastic enclosure in protection class IP54.

RTE 7.5 / RTE 10

Enclosure with aluminium die cast base and light grey plastic lid in protection class IP54.

RTE 12, RTE 15

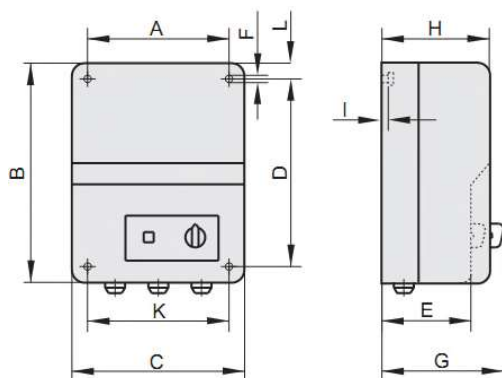
plastic coated white sheet steel in enclosure in protection class IP54.

RTE 20

plastic coated grey sheet steel in enclosure in protection class IP54.

Technical Data:

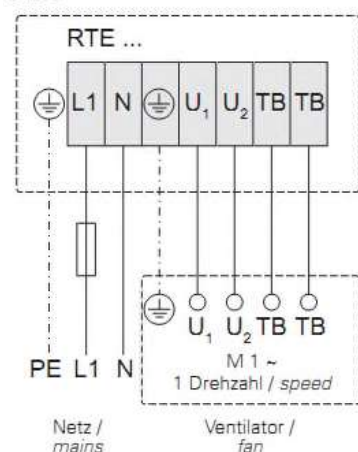
Dimensions:



Type	Art.-No.	max. current [A]	Weight [kg]	Protection class	A	B	C	D	E	F	G	H	I	K	L
RTE 1.5	H10-01500	1.5	2.0	IP 54	96	180	116	160	85	5	100	100	5	96	10
RTE 3.2	H10-03200	3.2	4.0	IP 54	130	220	168	180	---	6	145	120	5	130	20
RTE 5.0	H10-05000	5.0	5.0	IP 54	130	220	168	180	---	6	145	120	5	130	20
RTE 7.5	H10-07501	7.5	7.0	IP 54	180	290	230	253	120	7	136	145	3.5	205	10
RTE 10	H10-10001	10.0	10.5	IP 54	180	290	230	253	120	7	136	145	3.5	205	10
RTE 12	H10-12000	12.0	16.0	IP 54	216	315	245	285	--	7	151	133	---	216	15
RTE 15	H10-15002	15.0	16.5	IP 54	216	315	245	285	---	7	151	133	---	216	15
RTE 20	H10-20000	20.0	21.0	IP 21	315	410	380	345	---	7	173	155	---	315	33

Wiring Diagram:

01.075



Scope of Delivery:

- 5-Stage control unit (RTE)
- Documentation

Voltage Specification:

Current type	Input	Level	Voltage
Single phase	1~230V / 50Hz	1	105V
		2	130V
		3	145V
		4	160V
		5	230V