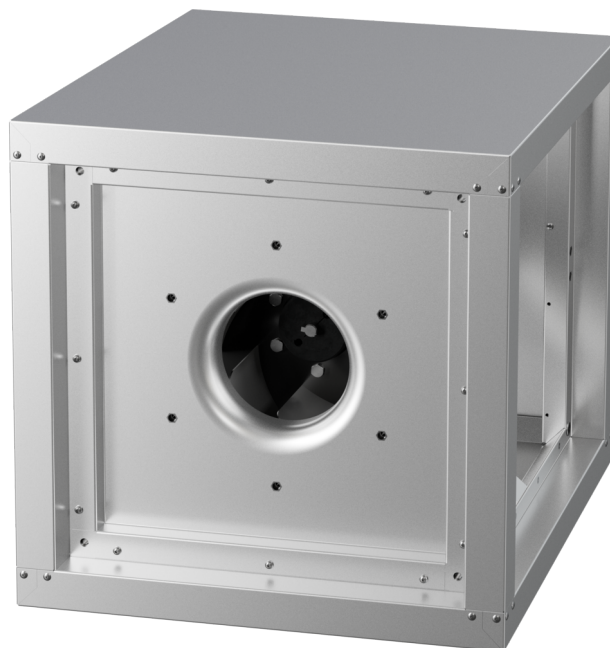


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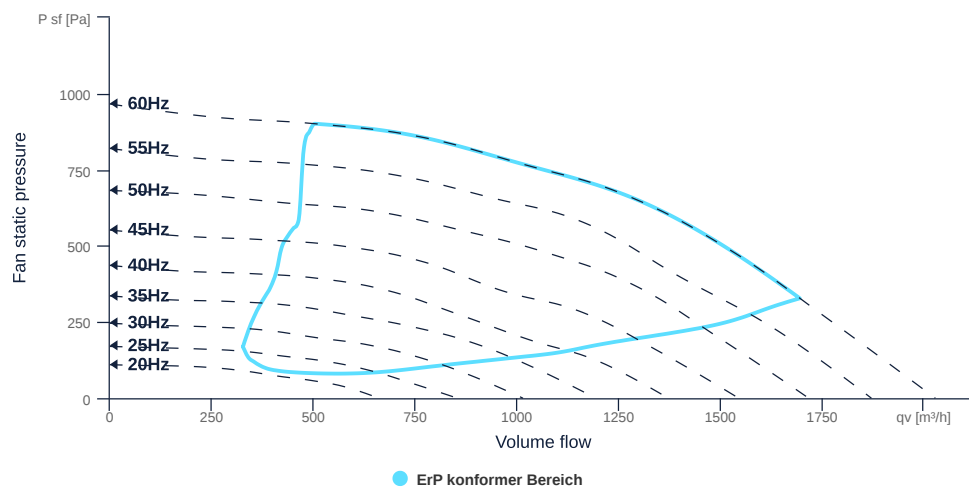
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- Radial fan with backward curved impeller
- Variable discharge direction right / left / linear
- Double wall housing made of galvanized steel sheet, insulated
- Efficient IE3 motor, frequency controllable
- Motor protection via frequency converter or motor protection switch
- With bottom tray



MAP

Name	Value	Unit
Volume flow	0	m³/h
Pressure	0	Pa



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GENERAL DATA

Name	Value	Unit	Formula symbol
ERP conformity	Yes		
Duct size	-		WxH _{duct}
Pipe connection size (DN)	DN355		DN



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GENERAL DATA

Name	Value	Unit	Formula symbol
Rated voltage (entire device)	400	V	U_{rated}
Phases (entire device)	3~		phase
Electrical protection (entire device)	6 A		fuse
Housing material	Galvanized steel		matcasing
Impeller material	Steel		matimpeller
Weight	35	kg	m
Nominal air flow rate, nominal point m³/h	1695.6	m³/h	$q_{v,nom}$
Nominal external pressure, static	328	Pa	$p_{s,nom}$
Fan type	Radial		Fan _{type}
Category / Installation situation	A		cat

ERP DATA (LOT 6)

Name	Value	Unit	Formula symbol
Nominal air flow rate, nominal point m³/s	0.47	m³/s	$q_{v,nom}$
Actual electrical input power, nominal point	0.42	kW	$P_{e,nom}$
Face velocity, nominal point	3.49	m/s	v_{nom}
Nominal external pressure, static	328	Pa	$p_{s,nom}$
static efficiency of the extract fan, nominal point	36.66	%	$\eta_{es,EHA}$
Highest external air leakage rate	0.16	%	
Enclosure sound level, nominal point	66.17	dB(A)	L_{WA2}
Rating	Product is compliant 2018		

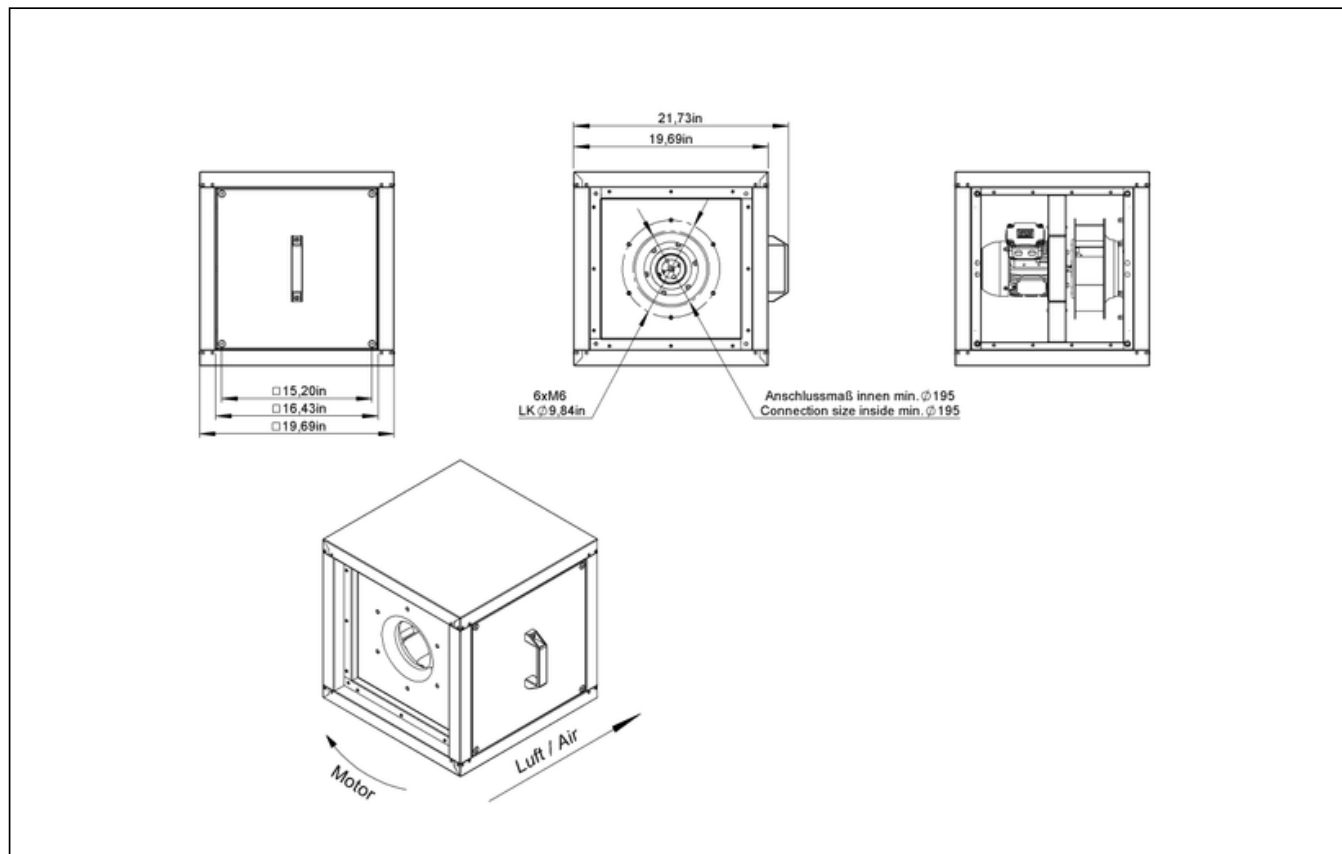
MAXIMAL DATA

Name	Value	Unit	Formula symbol
Max. power consumption (device)	306	W	$P_{ed,max}$
Max. operating current (device)	0.86	A	$I_{ed,max}$
Max. speed	3530	1/min	n_{max}
Max. stat. efficiency	47.5	%	η_{es}
Max. fan efficiency	47.9	%	η_e
Max. flowrate	2020	m³/h	$q_{v,max}$
Max. stat pressure	960	Pa	$p_{sf,max}$
Max. medium temperature	60	°C	$T_{m,max}$
Max. environment temperature	60	°C	$T_{amb,max}$
Min. environment temperature	-20	°C	$T_{amb,min}$

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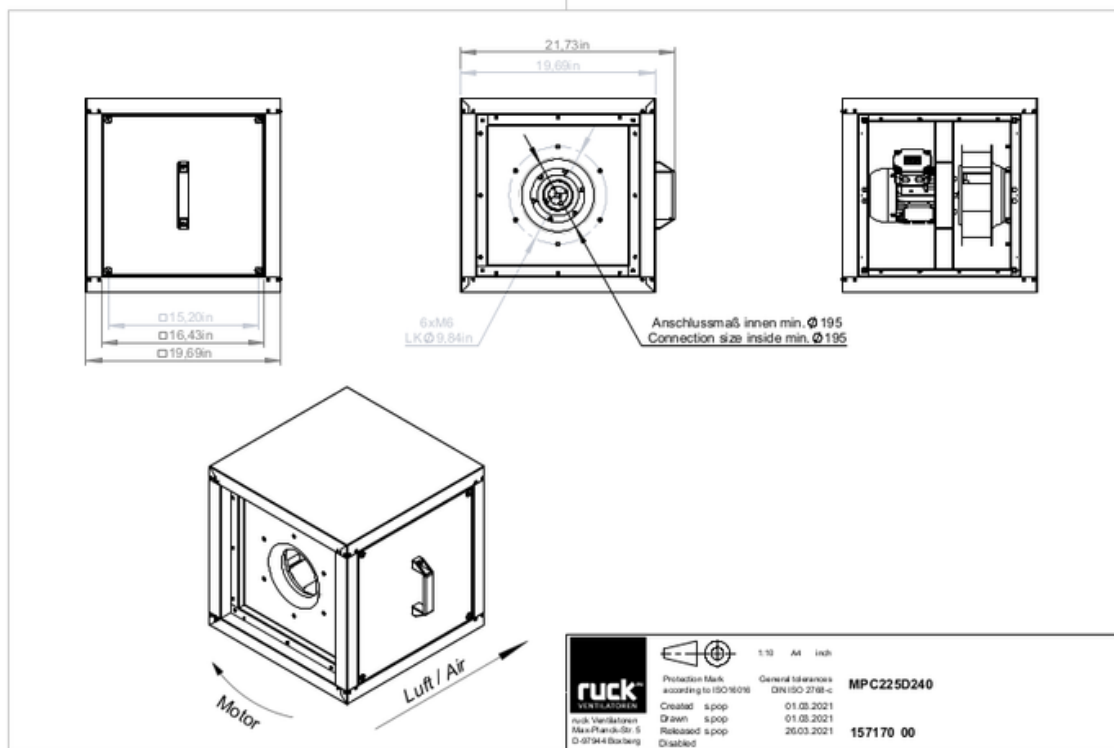
SCHALTPLÄNE / MASSZEICHNUNGEN



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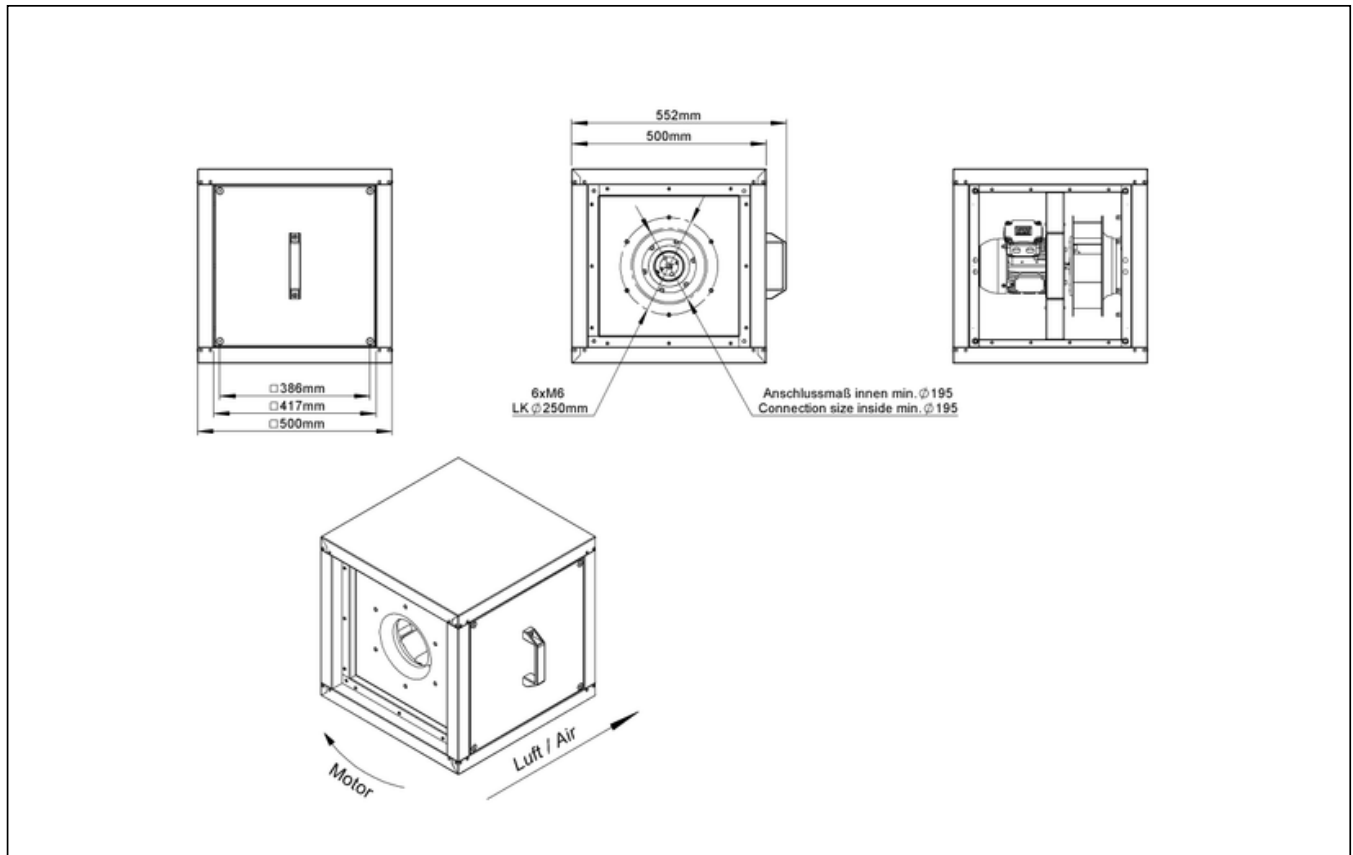


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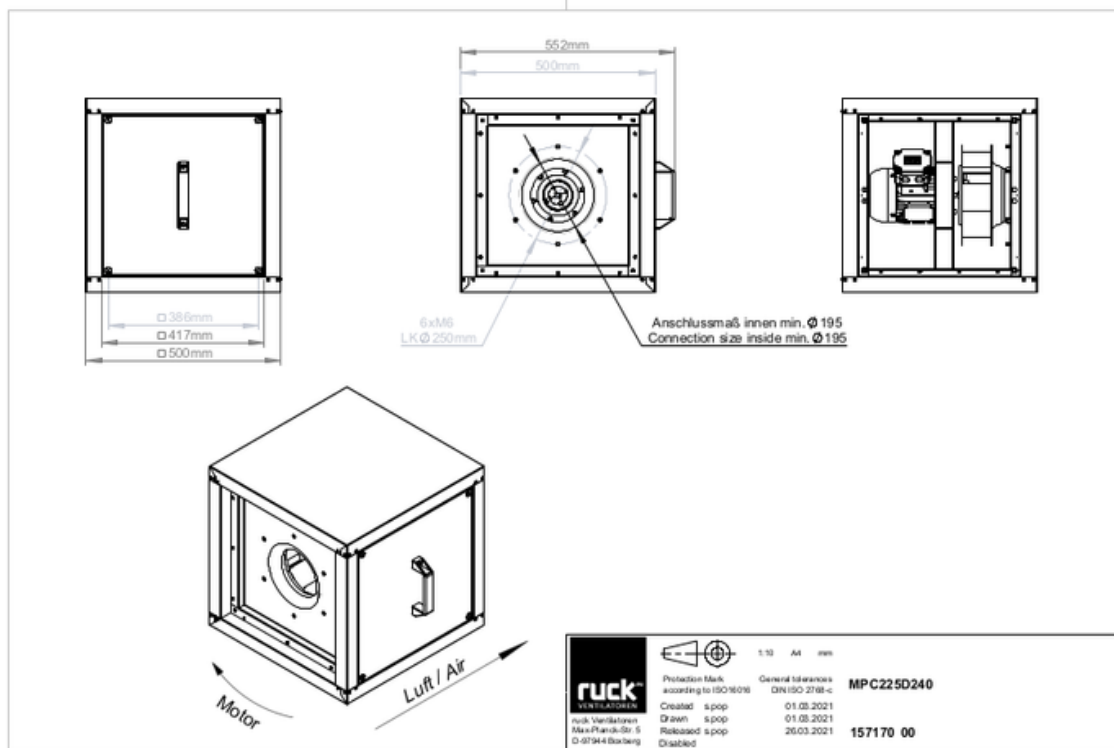


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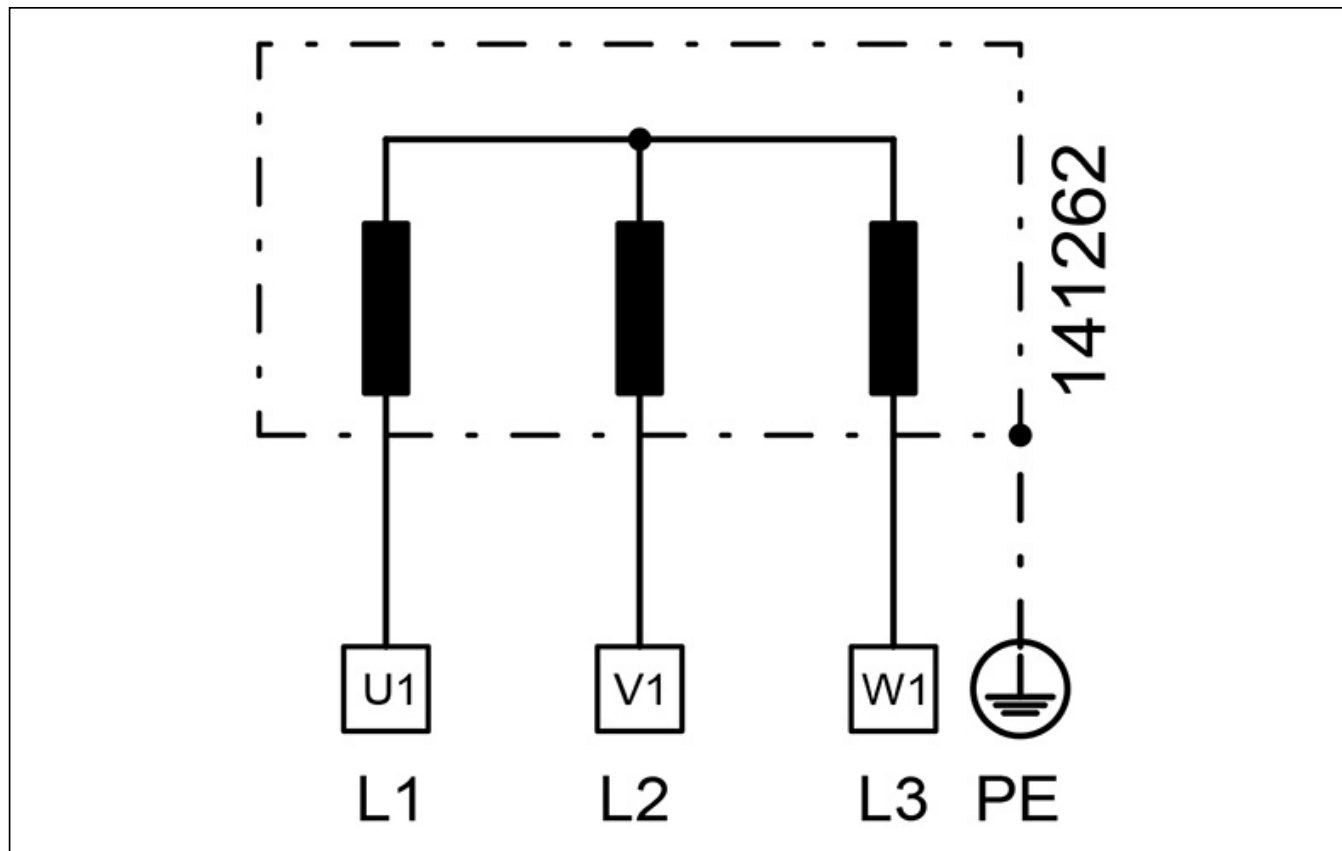


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MECHANICAL ACCESSORIES

FB 500 | 160864



- Air filter box for panel filter
- For MPC box 500
- For 1 or 2 filter (not included)
- Housing made of galvanized sheet steel

USM 500 315 | 107181



- Transition spigot
- Galvanized steel sheet
- Insulated

USM 500 355 | 107182



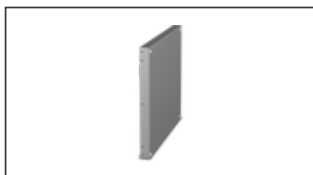
- Transition spigot
- Galvanized steel sheet
- Insulated

GR MPC 01 | 123430



- Base frame für MPC
- Galvanized steel sheet

UCP 500 | 142567



- Closed panel
- Galvanized steel sheet

UQR 500 315 01 | 136201



- Transition duct/tube
- Galvanized steel sheet
- Incl. 4 cylinder cap screws (M8 x 16 mm), 4 serrated lock washers for nominal size M8

UQR 500 250 01 | 136232



- Transition duct/tube
- Galvanized steel sheet
- Incl. 4 cylinder cap screws (M8 x 16 mm), 4 serrated lock washers for nominal size M8

VM 250 | 102651



- Fast clamps for sound decoupling and sealing
- Galvanized steel sheet, 5 mm
- Neopren gasket
- 1 Pack = 2 pieces

VM 355 | 102653



- Fast clamps for sound decoupling and sealing
- Galvanized steel sheet, 5 mm
- Neopren gasket
- 1 Pack = 2 pieces

AS MPC 250 | 140836



- Inlet spigot
- Galvanized steel sheet

AS MPC 315 | 140844



- Inlet spigot
- Galvanized steel sheet

AS MPC 355 | 140956



- Inlet spigot
- Galvanized steel sheet

WSH MPC 01 | 123431



- Weather protection hood
- Galvanized steel sheet

WSG MPC 500 | 140741



- Weather protection grille
- Galvanized steel sheet

RD MPC 500 | 140073



- Rain cover for outdoor installation
- Galvanized steel sheet

VM 315 | 102652



- Fast clamps for sound decoupling and sealing
- Galvanized steel sheet, 5 mm
- Neopren gasket
- 1 Pack = 2 pieces



ELECTRICAL ACCESSORIES

GS 03 | 107633



- Device switch
- $U_{max} = 400\text{ V}$, $I_{max} = 25\text{ A}$
- Switching capacity $400\text{ V } 3\sim = 5,5\text{ kW}$
- Protection class IP 55

MS 01 | 140407



- Motor protection switch with Isolator switchfunktion
- $I_{max} = 400\text{ V}$, 50/60 Hz
- Max. 0.55 kW
- Protection class IP 55

MTP 20 | 128146



- Potentiometer 10 k Ω
- Switching contact 1A/250V AC - 2,5A/12V DC
- Max. ambient temperature 50 °C
- VDE

MTP 30 | 143289



- Stepped potentiometer 10 k Ω
- Step 1 + 2 settable 10 % - 100 % Vdc
- Step 3 100 % Vdc
- Supply voltage+10 Vdc

MTP 40 | 147359



- Potentiometer 10 k Ω
- Connection in terminal box
- Max. ambient temperature 50 °C
- PU: 20 pieces

SEN AIR | 148641



- Airflow and temperature transducer
- Measuring range temperature 0...+50 °C
- With adjustable switching threshold (air speed)
- Measuring range air velocity up to 20 m/s

CON P1000 | 115259



- Constant pressure control
- Actual value display possible via optional control unit
- Output 0-10 V DC + FC enable + setpoint reached
- Pressure setting by means of decade switch

FU 075 08 | 141836



- Frequency converter
- Supply voltage 230 V 1~ 50/60 Hz
- Output voltage 0 - 230 V 3~
- Protection class IP 20, for switch cabinet

FU 075 26 | 141869



- Frequency converter
- Supply voltage 400 V 3~ 50/60 Hz
- Output voltage 0 - 400 V 3~
- Fire mode function (smoke extract fans)

FU 075 14 | 141847



- Frequency converter IP66
- Supply voltage 230 V 1~ 50/60 Hz
- Output voltage 0 - 230 V 3~
- Fire mode function (smoke extract fans)

FU 075 20 | 141858



- Frequency converter
- Supply voltage 400 V 3~ 50/60 Hz
- Output voltage 0 - 400 V 3~
- Protection class IP 20, for switch cabinet

MTP 50 | 153133



- Potentiometer with multifunction output
- 230 VAC $\pm 10\%$ / 50-60 Hz
- Selectable output: 1-10 VDC / 2-20 mA / 10-100 % PWM
- Min. and max. output value adjustable

