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Electrical Module-Control
EMS*a

Application

Control of MALTOZ®-external operation-modules of continuously / semi-continuously Simoloyer®-units with carrier-gas operation for multi-phase flows with low solid-load as well as for auto-batch operation of Simoloyer®.
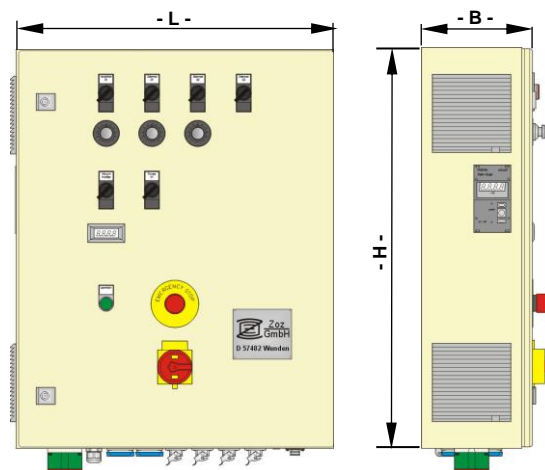
Technical Data, Dimensions

unit size/for components	EMS180a*	EMS300a*	EMS530a*	EMS710a*
Simoloyer® -s1 (conti)	CM01/CM08	CM08/CM20	CM20/CM100	CM400/CM900
for components:				
side channel turbine	SKV/SKZ180a	SKV/SKZ300a	SKV/SKZ530a	SKV/SKZ710a
rotary vane feeder 01	ZS40m	ZS50m	ZS63m	ZS100m
rotary vane feeder 02	ZS40m	ZS50m	ZS63m	ZS100m
rotary vane feeder 03	ZS25m	ZS40m	ZS50m	ZS63m
product yield-meter	PMM40	PMM50	PMM63	PMM100
vacuum pump	DUO10	DUO10/65	DUO65	DUO120
power supply	3 x 400 VAC, 50/60 Hz			
nominal current [A]	25	36	45	50
L x B x H [mm]	600x250x1000			
net weight for type A [kg]	35	40	52	65
definition example	Electrical module-control EMS300a-P-W			

Control/assembly of components (standard, type A)

- converter drive manual for
  - side channel turbine
  - rotary vane feeder product-charging [01]
  - rotary vane feeder product-discharging [02]
  - rotary vane feeder pre-separation [03] (not for autobatch-operation)
- assembly of displays of (devices not included):
  - product yield-meter module PMM*
  - vacuum gauge (for vacuum pump)
  - temp.-measurement upfront and after the heat exchanger
- power supply Simoloyer® (CM01 only), PC, vacuum pump, lightening and 2 free sites

Options

- monitoring and control for:
  - product yield-meter PMM communicating with rotary vane feeder 01 (option P)
  - control of cooling water of heat exchanger (option W)
  - communication with MALTOZ® (option M, as of 2002)

CM01-2l-s1 (semi-continuous) with EMS180a

technical data subject to alterations

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