

# Professionall

Solutii profesionale pentru echipamente profesionale



**GAS COMPONENTS**



**ELECTRIC COMPONENTS**



**WATER TECHNOLOGY**



**MECHANICAL COMPONENTS**



**TOOLS**

Spare parts suitable for

# LA MINERVA




## switches and momentary switches

## push/momentary push switches

ø22mm





1

No.	348105	Ref. No.	20803384
description	momentary push switch mounting measurements ø22mm red 1NC OFF 230V connection screw 6A protection IP67 ambient temperature max. 70°C		
spare parts for	348105		
	No.	346270	Ref. No. —
contact block screw 1NC			
accessories for	348105		
	No.	346292	Ref. No. —
contact block screw 1NO			
	No.	359606	Ref. No. —
neon light bulb socket Ba9s 220V 2W clear ø 10mm L 28mm			




1

No.	403549	Ref. No.	20803401
description	momentary push switch mounting measurements ø22mm black/white 1NO/1NC 0-1 230V connection screw 6A protection IP40 ambient temperature max. 70°C		
spare parts for	403549		
	No.	346270	Ref. No. —
contact block screw 1NC			
	No.	346292	Ref. No. —
contact block screw 1NO			



1

No.	403553	Ref. No.	20803406
description	PCB L 130mm W 44mm ON-OFF 50Hz 400V suitable for GIERRE / LA MINERVA		
spare parts for	403553		
	No.	403606	Ref. No. 20803372
protective cover for switch external size 57x31mm clear ID ø 20mm H 17mm			




1

No.	403606	Ref. No.	20803372
description	protective cover for switch external size 57x31mm clear ID ø 20mm H 17mm		

ø25mm



1

No.	345011	Ref. No.	20800323
description	push switch mounting ø 25mm green 2NO 250V 16A illuminated connection male faston 6.3mm ambient temperature max. 85°C protection IP65		
accessories for	345011		
	No.	345039	Ref. No. —
protective cover round ED ø 33mm external size 23mm internal size 21mm H 12mm clear mounting ø 25mm			

## position switches

## MOELLER/EATON



1

No.	348232	Ref. No.	20800865N
description	position switch plastic 1NC 230V 6A L 95mm W 31mm H 33mm protection IP66 actuating force: 500g screw connection M20 mounting distance 22mm with switch mechanism Qty 2 pcs		

## PIZZATO

## FR series



1

No.	347664	Ref. No.	20800865
description	position switch head not removable 1NO/1NC L 93mm W 31mm H 31mm protection IP67		



1

No.	348101	Ref. No.	20800820
description	position switch plastic 1NC/1NO 400V 3A L 85mm W 31mm H 31mm protection IP67 actuating force: 760g screw connection PG11 mounting distance 22mm		



## rotary switches

## MOELLER/EATON



<b>No.</b>	348131	<b>Ref. No.</b>	20801212
<b>description</b>	rotary switch sets of contacts 2 2 0-1 type T0-1-102 400V 11.5A shaft ø 12mm shaft L 25mm shaft star-shaped installation kit inclusive connection screw		



<b>No.</b>	348158	<b>Ref. No.</b>	20801213
<b>description</b>	rotary switch sets of contacts 3 2 0-1 type T0-2-1/Z UV-T0 400V 16A shaft ø 5.8x6.9mm shaft L 35mm with fixing kit connection screw		

## magnetic switches

## M10x0.75



<b>No.</b>	348102	<b>Ref. No.</b>	20963000
<b>description</b>	magnetic switch thread M10x0.75 1NO 250V 0.04A P max. 10W connection 2-wire cable length 1500mm		



<b>No.</b>	348159	<b>Ref. No.</b>	20963001
<b>description</b>	magnetic switch thread M10x0.75 1NO 250V 1A P max. 50W cable length 1470mm L 30mm		

## M18x1



<b>No.</b>	348156	<b>Ref. No.</b>	20963010
<b>description</b>	magnetic switch thread M18x1 1NO/1NC 100V 0.25A P max. 5W cable length 2000mm		



<b>No.</b>	348157	<b>Ref. No.</b>	20963008
<b>description</b>	magnetic switch thread M18x1 2NO 100V 0.25A P max. 5W cable length 2000mm		

## accessories

## magnets



<b>No.</b>	691178	<b>Ref. No.</b>	20961010
<b>description</b>	magnet ø 22mm Lmm H 7mm Wmm ED ø 22mm M5		

## control equipment

## MOELLER/EATON

## push buttons - signal lamps



<b>No.</b>	346747 <sup>1</sup>	<b>Ref. No.</b>	20803386
<b>description</b>	push button mounting measurements ø22mm silver without button lense momentary illuminable		

<sup>1</sup>works as signal element

## switch blocks



<b>No.</b>	348127	<b>Ref. No.</b>	20803390/1
<b>description</b>	contact block with threefold holder 1NO		

## button plates with symbol



<b>No.</b>	346743	<b>Ref. No.</b>	20803386/1
<b>description</b>	button plate black tipping		

## accessories



1

No.	346768	Ref. No.	20803371
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**description** protective cover ED ø 30mm transparent H 13mm

## switches (complete)

## rotary switches



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No.	348231	Ref. No.	20807030
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**description** selector switch mounting measurements ø22mm silver/white 0°-45° 1NO latching sequence 0-1

## push/momentary push switches



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No.	348126	Ref. No.	20803386+20803386/1+20803390/1+20803396/1
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**description** momentary push switch mounting measurements ø22mm black 1NO tipping momentary



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No.	403549	Ref. No.	20803401
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**description** momentary push switch mounting measurements ø22mm black/white 1NO/1NC 0-1 230V connection screw 6A protection IP40 ambient temperature max. 70°C

**spare parts for** 403549



No.	346270	Ref. No.	—
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contact block screw 1NC



No.	346292	Ref. No.	—
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contact block screw 1NO



1

No.	348105	Ref. No.	20803384
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**description** momentary push switch mounting measurements ø22mm red 1NC OFF 230V connection screw 6A protection IP67 ambient temperature max. 70°C

**spare parts for** 348105



No.	346270	Ref. No.	—
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contact block screw 1NC

**accessories for** 348105



No.	346292	Ref. No.	—
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contact block screw 1NO



No.	359606	Ref. No.	—
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neon light bulb socket Ba9s 220V 2W clear ø 10mm L 28mm



1

No.	347665 <sup>1</sup>	Ref. No.	20803393
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**description** momentary push switch mounting measurements ø22mm red illuminated, 10-30V 1NC OFF momentary

<sup>1</sup>illuminated, 10-30V



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No.	348106	Ref. No.	20803385
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**description** momentary push switch mounting measurements ø22mm white 1NO on momentary



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No.	347666 <sup>1</sup>	Ref. No.	20803396
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**description** momentary push switch mounting measurements ø22mm white illuminated, 10-30V 1NO on momentary

<sup>1</sup>illuminated, 10-30V



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No.	348125	Ref. No.	20803380
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**description** switch mounting measurements ø22mm red complete EMERGENCY SHUT-DOWN

## timers

## mechanical timers



1

No.	350155 <sup>1</sup>	Ref. No.	20800014
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**description** timer M2 2-pole operation time 4min impulse mechanical 2NO at 250V 16A permanent position no shaft ø 6x4.6mm shaft L 22mm mounting distance 28mm mounting thread M4 connection male faston 6.3mm

<sup>1</sup>incl. knob and symbol



1

No.	350156 <sup>1</sup>	Ref. No.	20800314
description	timer M2 3-pole operation time 4min impulse mechanical 3NO at 250V 16A permanent position no shaft ø 6x4.6mm shaft L 22mm mounting distance 28mm mounting thread M4 connection male faston 6.3mm		

<sup>1</sup>incl. knob and symbol

## electronics

## PCBs



1

No.	403909	Ref. No.	20900080N
description	PCB bone saw L 135mm W 105mm 230/400V		



1

No.	403194	Ref. No.	209000065 209000065/1 20900012
description	PCB L 101mm W 101mm 230/400V		



1

No.	403553	Ref. No.	20803406
description	PCB L 130mm W 44mm ON-OFF 50Hz 400V suitable for GIERRE / LA MINERVA		
spare parts for	403553		
	No.	403606	Ref. No. 20803372
	protective cover for switch external size 57x31mm clear ID ø 20mm H 17mm		

## compressors

## CUBIGEL

R134A

HMBP monophase

High/Medium evaporation temperature above -20/-15 °C



1

No.	605182	Ref. No.	2091R009
description	compressor coolant R134a type GX18TB 220-240V 50Hz HMBP 16kg 1/2HP power input 1390W cylinder capacity 18.39cm³ CSIR H 215mmW 401W 553W 734W 944W 1182W 1449W 1744W 2068W test method ASHRAE ambient temperature max. 43°C		

## fans

## axial fans

## import



1

No.	601080 <sup>1</sup>	Ref. No.	2091R115
description	axial fan L 119mm W 119mm H 38mm 230VAC 50/60Hz 23/20W bearing ball bearing connection male faston 2.8mm metal ADDA fan wheel ø 110mm temp.-resist. 70°C		
accessories for	601080		
	No.	550898	Ref. No. —
	connecting cable cable length 2000mm connection F 2.8 connection distance 7.9mm for axial flow fan		
	No.	692519	Ref. No. —
	guard L 120mm W 120mm plastic		

<sup>1</sup>with ball bearings



## equipment-specific units

## for bandsaws

## saw blades

## width 16mm



<b>No.</b>	699213	<b>Ref. No.</b>	22550419
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**description** saw blade L 2050mm W 16mm thickness 0.5mm Qty 1 pcs



<b>No.</b>	699048	<b>Ref. No.</b>	22550408
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**description** saw blade L 2390mm W 16mm thickness 0.5mm tooth spacing 6mm



<b>No.</b>	699050	<b>Ref. No.</b>	22550411
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**description** saw blade L 2430mm W 16mm thickness 0.5mm tooth spacing 6mm

## for meat mincers

## drive shafts

## for blades



<b>No.</b>	699388	<b>Ref. No.</b>	CG93-0046
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**description** blade pulley ENTERPRISE model 22 L 86mm thread M6 intake 13x13mm

**accessories for** 699388



<b>No.</b>	696023	<b>Ref. No.</b>	—
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knife type ENTERPRISE size 22 ø 73mm internal size 13x13mm stainless steel



<b>No.</b>	699386	<b>Ref. No.</b>	CG93-0048
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auger ø 67mm L 172mm stainless steel 22



<b>No.</b>	699387	<b>Ref. No.</b>	CG93-0047
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screw L 95mm thread M6 for auger meat mincer thread L 25mm

## for augers



<b>No.</b>	699290	<b>Ref. No.</b>	82000221
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**description** drive shaft ø 11mm thread M14x1.5 L 63.4mm

## augers

## without bolt



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<b>No.</b>	699386	<b>Ref. No.</b>	CG93-0048
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**description** auger ø 67mm L 172mm stainless steel 22

**accessories for** 699386



<b>No.</b>	699387	<b>Ref. No.</b>	CG93-0047
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screw L 95mm thread M6 for auger meat mincer thread L 25mm



<b>No.</b>	699388	<b>Ref. No.</b>	CG93-0046
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blade pulley ENTERPRISE model 22 L 86mm thread M6 intake 13x13mm

## miscellaneous



1

<b>No.</b>	699387	<b>Ref. No.</b>	CG93-0047
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**description** screw L 95mm thread M6 for auger meat mincer thread L 25mm

**accessories for** 699387



<b>No.</b>	699386	<b>Ref. No.</b>	CG93-0048
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auger ø 67mm L 172mm stainless steel 22



<b>No.</b>	699388	<b>Ref. No.</b>	CG93-0046
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blade pulley ENTERPRISE model 22 L 86mm thread M6 intake 13x13mm

## for vegetable slicers

## cutting discs

## blades smooth

## cutting discs



1

<b>No.</b>	697301	<b>Ref. No.</b>	E2
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**description** slicing disk type E2 ø 206mm seat ø 19mm slicing thickness 2mm plastic

**spare parts for** 697301



<b>No.</b>	697418	<b>Ref. No.</b>	—
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spare blades for cutting disc E



## for potato peelers

## abrasive side elements

## inserts



1

<b>No.</b>	696749	<b>Ref. No.</b>	22995008
<b>description</b>	abrasive band for potato peeler device ø 400mm L 1250mm mounting distance mm W 215mm C565		

## grinding discs



1

<b>No.</b>	696769	<b>Ref. No.</b>	85650080
<b>description</b>	peeling disk ø 383mm for potato peeler device C565		



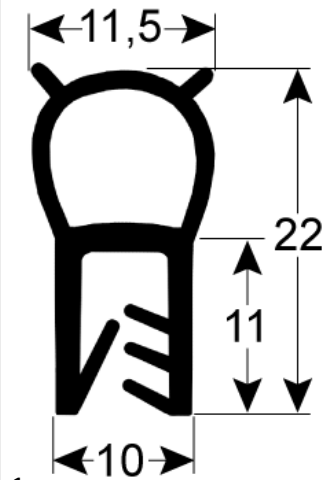
1

<b>No.</b>	699390	<b>Ref. No.</b>	85700080
<b>description</b>	peeling disk ø 460mm for potato peeler device		

## gaskets

## special gaskets

## miscellaneous



1

<b>No.</b>	699389	<b>Ref. No.</b>	22601001N
<b>description</b>	lid gasket for potato peeler device mounting pos. lid Qty supplied by meter		

## transmission technology and ball bearings

## drive belts

## V-belts

## XPZ profile



1

<b>No.</b>	699485	<b>Ref. No.</b>	8PP500035
<b>description</b>	V-belt belt width 9.7mm outer length 1333mm H 8mm serrated profile XPZ 1320 Lw		

## consumables

## lubricants

## oils

## for vacuum pumps



1

No.	890014	Ref. No.	80SV5103
description	oil type VG100 for vacuum pumps Qty 1l		