





## Auxiliary Contacts

Type	Reed Contacts (Vacuum Technology)
Voltage [V <sub>dc</sub> ]	24 / 36 / 48 / 72 / 110 <sup>1</sup>
Rated Current [A]	5
Maximum Breaking Power with Inductive Load $\tau=2\text{ms}$ [W]	120
Maximum Breaking Current with Inductive Load $\tau=2\text{ms}$ [A]	3
Maximum Breaking Voltage with Inductive Load $\tau=2\text{ms}$ [V]	250
Minimum let-through Current at 24Vdc [mA]	5
Electrical Connections	Fast-on 2.5 x 0.8mm or customized LV Connection <sup>1</sup>

## Environmental Conditions

Stock Temperature Range	-10°C ÷ +60°C
Operational Temperature Range	-25°C ÷ +50°C
Pollution Degree - Overvoltage Category (IEC 62497-1)	PD3A – OV4
Clearance in air [mm]	36
Creepage distance [mm]	75
Comparative Tracking Index (CTI)	> 600
Max Altitude without Performance Derating [m]	2000
Humidity <sup>4</sup>	10 ÷ 95% RH

<sup>1</sup> To be specified in order phase

<sup>2</sup> Device cabled according IEC 60947

<sup>3</sup> Tripping point reached up with  $di/dt=200\text{A/s}$ .

Other setting range are available on request

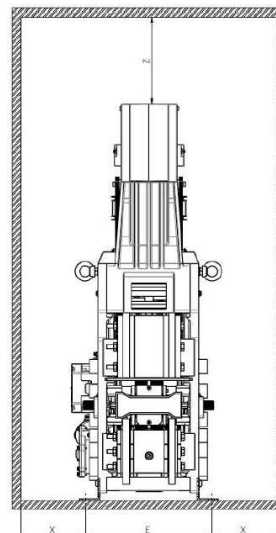
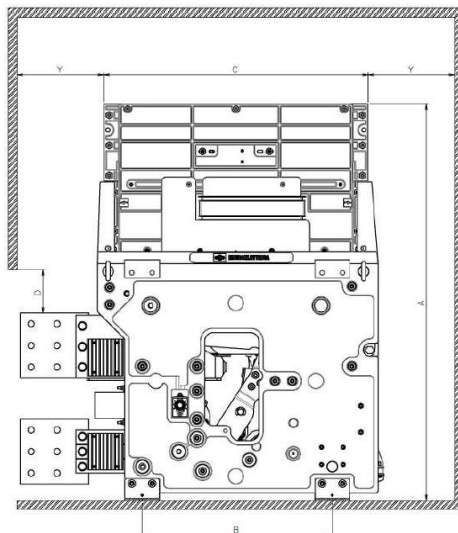
<sup>4</sup> According to EN 50125-1

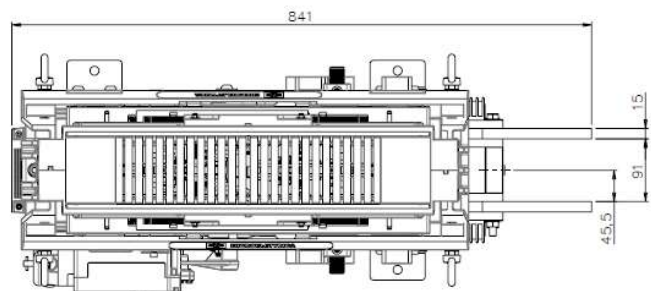
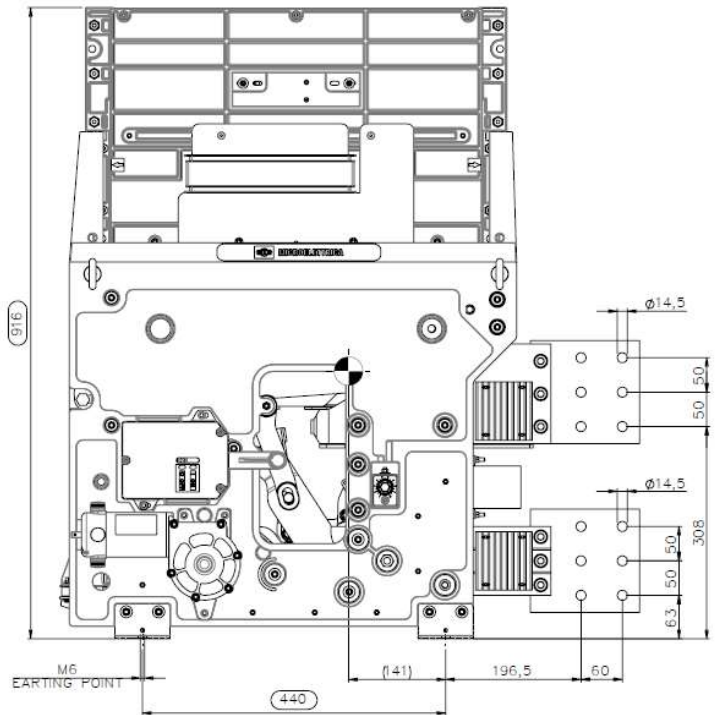
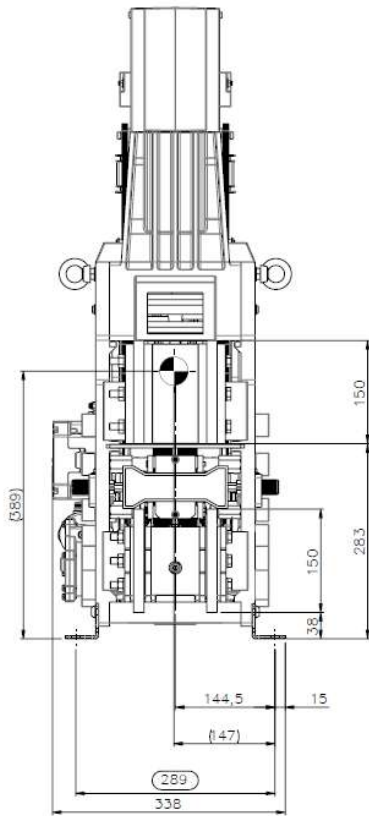
<sup>5</sup> Reduced distances should be approved by Microelettrica

<sup>6</sup> These quotes are referred to a 50% surface opening grid

## Minimum clearances [mm] from<sup>5</sup>:

Rated Operational Voltage [V <sub>dc</sub> ]		A <sup>6</sup>	B	C	D	E	X	Y	Z
900	Metal Parts	916	440	612	100	289	150	150	300
	Plastic Parts						100	100	200
1800	Metal Parts						200	200	300
	Plastic Parts						150	150	200





The technical specifications reported are not binding and they should be agreed in the contract.

**For further technical information on our products visit [www.microelettrica.com](http://www.microelettrica.com)**

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