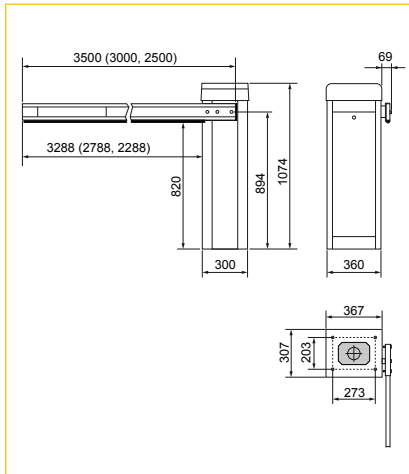


# entervo.barrier

## Barrier Gate with Intelligent Drive Controller

### Dimensions (mm):



### Intended Use:

The entervo.barrier gate is used for the access control of car parks. It is intended to be used in a commercial location or building such as multiple dwellings, hotel, garages, retail store or other building servicing the general public.



### TECHNICAL SPECIFICATIONS

<b>Motor and transmission:</b>	<ul style="list-style-type: none"> <li>• Powerful brushless 24 V DC motor (BLDC) with multistage planetary gear</li> <li>• Drive-supporting balancing springs</li> <li>• Designed for intensive use up to 100% duty cycle (= continuous operation)</li> <li>• Can be quickly and simply changed from right-hand drive to left-hand drive</li> </ul>
<b>Barrier control:</b>	<ul style="list-style-type: none"> <li>• Intelligent motor controller MO24 including: <ul style="list-style-type: none"> <li>• Configuration via joystick and four-digit LED display</li> <li>• Electronic rotation speed control and end position detection for perfect running</li> <li>• 3 adjustable speeds for different barrier arms</li> <li>• 3 loop detectors</li> </ul> </li> </ul>
<b>Safety features:</b>	<ul style="list-style-type: none"> <li>• Barrier arm with rubber lower edge</li> <li>• Barrier arm sensor in barrier beam shaft</li> <li>• Auto-reverse function upon detection of an obstruction</li> <li>• Mechanical emergency release via release lever</li> <li>• Automatic opening by additional module (optional) in case of power failure</li> </ul>
<b>Protection against vandalism:</b>	<ul style="list-style-type: none"> <li>• Fastening of the barrier arm with plastic screws as predetermined breaking point</li> <li>• Stainless-steel screws, which are also included in the delivery, allow for higher wind loads</li> <li>• Adjustable clamp connection in the barrier mechanics helps to prevent damage in case of pushing or pulling the barrier arm downward or upward</li> </ul>
<b>Available barrier arm types and length:</b>	<ul style="list-style-type: none"> <li>• Straight or articulated barrier arm in length of 2.5 m, 3.0 m or 3.5 m</li> <li>• Illuminated barrier arm in straight variant as option</li> <li>• Non-illuminated barrier arms can be cut to the desired length on-site</li> <li>• Powder-coated aluminium in white/red colour</li> <li>• Right hand and left hand applicable</li> </ul>
<b>Opening and closing times:</b>	<ul style="list-style-type: none"> <li>• Depending on type and length of barrier arm: 1.3 s, 1.8 s or 2.5 s</li> </ul>
<b>Connections:</b>	<ul style="list-style-type: none"> <li>• Power supply / Control and acknowledge signals / 3 inductive loops</li> </ul>
<b>Power supply:</b>	<ul style="list-style-type: none"> <li>• 88V - 264V, 47Hz - 63Hz</li> </ul>
<b>Power consumption:</b>	<ul style="list-style-type: none"> <li>• Standby: approx. 5 Watt</li> <li>• Operation: approx. 70 - 85 Watt (depending on barrier arm length)</li> </ul>
<b>Housing:</b>	<ul style="list-style-type: none"> <li>• Powder-coated housing made of aluminium with clamping technology, patent pending</li> <li>• For indoor and outdoor use / Ingress Protection Rating according to IEC 60529: IP54</li> </ul>
<b>Standard colours:</b>	<ul style="list-style-type: none"> <li>• Hood: RAL 7043 (traffic grey B) / Housing base: RAL 1003 (signal yellow) or RAL 9016 (traffic white)</li> <li>• Housing base in special colour according to S&amp;B colour range available as an option</li> </ul>
<b>Place of installation:</b>	<ul style="list-style-type: none"> <li>• Temperature range: -20 °C ... +50 ° / Relative humidity: ±0% ... 95% (non-condensing)</li> </ul>
<b>Weight:</b>	<ul style="list-style-type: none"> <li>• approx. 58 kg without barrier arm</li> </ul>
<b>Approvals and conformity:</b>	<ul style="list-style-type: none"> <li>• Europe: CE Mark / USA/Canada: NRTL approval is in preparation</li> <li>• Approval name according to name plate affixed to the device: AS40e</li> </ul>
<b>Extras:</b>	<ul style="list-style-type: none"> <li>• Adapter plate for using the existing anchor bolts of AS30/AS32 (predecessor models)</li> <li>• LAN via RJ45 plug</li> <li>• Hand-held transmitter / radio receiver for remote-controlled opening/closing of the barrier</li> <li>• Service socket / CEE 7/3</li> <li>• Other special equipment upon request</li> </ul>
<b>Notes:</b>	<ul style="list-style-type: none"> <li>• The barrier gate is not designed for use by motorcycles, bicycles or pedestrians!</li> <li>• The barrier gate is not suited for functions subject to higher security demands, e.g. safeguard against crossing hazard (railway), breakthrough (ferry access, military security areas), etc!</li> </ul>

File name: BARRIER\_DATA\_entervo.barrier\_8693400\_a\_0\_en\_GB.pdf / Illustrations and descriptions may also include special options.