

## 1. Technical data BlowOff – Air Blast Unit BO 2.1 HDBV 24 V DC LOG

|                                      |   |
|--------------------------------------|---|
| <b>Blow Off module</b>               | compatible to all professional ASD Equipments, upgradeable  |
| <b>Casing</b>                        | Metal /IP 65/ RAL 7035 structure, door, double lockable   |
| <b>Electrical connections</b>        | 24 V DC; from 0.08 to 2.5 mm <sup>2</sup>   |
| <b>Power consumption</b>             | Normal: approx. 2,2W/24V= 91mA<br>Max.: approx. 5,2W/24V=215mA  |
| <b>Valves</b>                        | Electronical (Festo) – control and blow off<br>Pneumatical (Festo) three-way ball valve 1“– main line   |
| <b>Compressed air connection</b>     | with quick-coupler, max. 6.5 bar, technically oil free and dry  |
| <b>Compressed-air reservoir</b>      | Buffer in case of pressure failure for resetting the three-way ball valve   |
| <b>Pipe connections</b>              | Easily accessible from outside / can be quickly installed   |
| <b>Probe tube / suction pipe</b>     | Adapter from diameter 28 mm to 25 mm  |
| <b>Input contacts</b>                | Deactivate air-blast / purge process controller   |
| <b>Output contacts</b>               | - contact-free signalling contact (to fire control panel / ASD)<br>- contact for operating status   |
| <b>Protection class</b>              | SKI earthed   |
| <b>Type of protection</b>            | IP 65 standard version Complete protection against contact with live parts, spray water-tight in all directions and dust-free   |
| <b>Work area</b>                     | -5° C to +40° C without heater<br>-20° C to +40° C with heater (optional)   |
| <b>Mounting</b>                      | simple wall mounting with external brackets<br>(4 wall drillings with M8 dowels)  |
| <b>Dimensions</b>                    | W x H x D 600 x 380 x 210 in mm   |
| <b>Installation</b>                  | interior applications under normal environmental conditions, no acid content in ambient air   |
| <b>Control unit</b>                  | Internal PLC (Siemens LOGO),<br><b>Time schedule:</b> via internal PLC<br>factory-set: 4 times per day (1:00 am, 7:00 am, 1:00 pm, 7:00 pm)<br><br><b>Remote mode</b> via the "Purge" relay output: Time-controlled |
| <b>Optional:</b>                     |   |
| <b>Control cabinet block heating</b> | variable, integrated, with thermostat   |