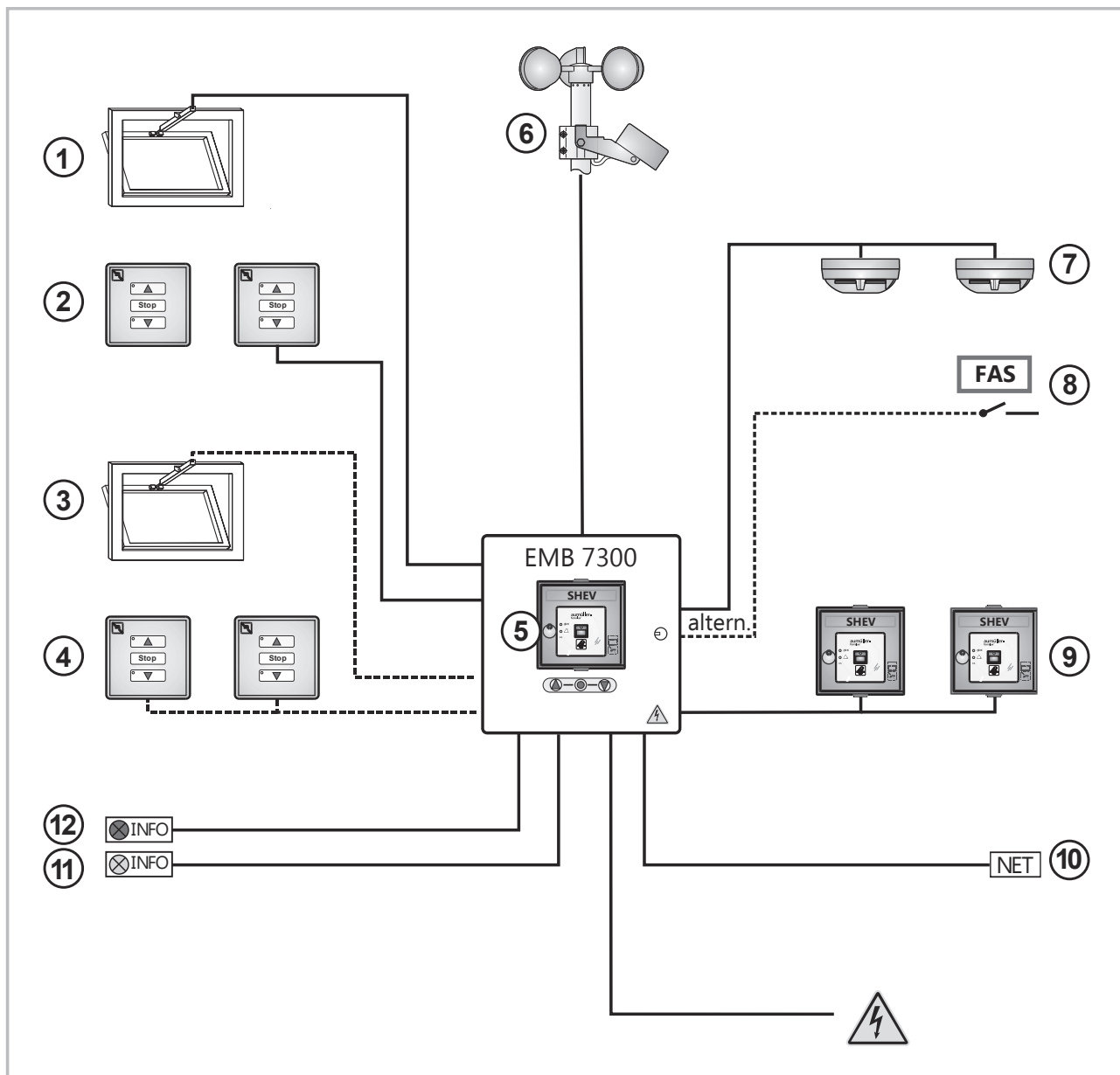




PRODUCT FEATURES EMB7300

- Controls 24 V DC drives for smoke and heat exhaust in case of fire and for natural ventilation
- Control panel compliant with prEN 12101-9
- Power supply compliant with EN 12101-10
- Low ripple voltage output (< 2 Vpp)
- 1 SHEV-Group output with 1 (optional 2) monitored ventilation line(s)
- 2 detector line inputs with line monitoring to connect:
 - Manual break-glass units (HSE)
 - Automatic smoke and heat detectors
- 1 Ventilation line input (optionally 2) with OPEN-STOP-CLOSE function
- 2 Plug-in module slots for signal monitoring and transduction (emergency open, fault)
- 1 Network port for connection and integration in building management systems (LON, KNX)
- 1 Connection input for wind and rain sensors
- Various operating and display elements
- Various setting options of basic functions via „EMB compact“ software
- Special functions programmable via software license (with extra costs) as in the following:
 - Service and maintenance interval
 - Changes of priorities, switching-thresholds and switch-off times
 - Deactivation of the detector lines or of their monitoring
 - Control of the alarm functions by a volt-free contact of the fire alarm system (FAS)
 - Network integration
- Housing (optional) with integrated break-glass unit and ventilation button
- Lead frame usable for flash mounting
- Cable entry from above, below or behind of the housing
- Prepared for connection of backup batteries (72 hours)

SOFTWARE FUNCTIONS		
Functions	Standard	License
Set ventilation inputs from dead-man to jog-switch mode (in OPEN and/or CLOSE direction)	✓	✓
Set failures of drive line monitoring as alarm signal	✓	✓
Disable alarm function caused by failures of detector line monitoring	✓	✓
Adjust switching threshold of wind sensor	✓	✓
Set drive run time and opening stroke limit for ventilation purpose	✓	✓
Enable and set automatic time-controlled drive line closing mode for ventilation purpose	✓	✓
Enable drive line closing mode on primary power loss	✓	✓
Set acoustic or optical warning signals (additional hardware required)	✓	✓
Display, save and print the status of the system	✓	✓
Firmware update	✓	✓
Set emergency close button from jog-switch mode to dead-man mode	✓	✓
Set next service and maintenance date (password protected)	--	✓
Set switch-on delay time for wind sensor	--	✓
Set switch-off delay time for wind sensor	--	✓
Disable retriggering of drive lines in alarm mode	--	✓
Disable manual breakglass unit lines (HSE)	--	✓
Disable smoke detector lines	--	✓
Enable smoke detector line input to be controlled by fire alarm systems "FAS"	--	✓
Set automatic switch-off time for drive lines	--	✓
Disable emergency close button while the smoke detector is active	--	✓
Set drive running direction in alarm mode from open to close	--	✓
Set options of relay card REL65 (not in package)	--	✓
Set alarm functions for faults caused by each individual drive line (only 2 drive line version)	--	✓
Reset switch positions to the status before the weather control were activated	--	✓
Integration into digital networks with additional plug-in interface modules (LON, CAN)	--	✓



CAPTION

- ① Output for drive line 1, 24 V DC for smoke and heat exhausting and natural ventilation
- ② Input for ventilation line 1 (max. 10 vent buttons)
- ③ Output for drive line 2 (only for EMB 7300 5 A – 0102; 10 A – 0102; 20 A – 0102)
- ④ Input for ventilation line 2 (max. 10 vent buttons) (only for EMB 7300 5 A – 0102; 10 A – 0102; 20 A – 0102)
- ⑤ Housing of control unit with or without integrated break-glass unit and ventilation button
- ⑥ Connections for wind and rain sensor (disabled in case of alarm and power loss)
- ⑦ Input for smoke detectors (max. 10)
- ⑧ Input for signal from external fire alarm system (alternative connection)
- ⑨ Input for break-glass units (HSE – max. 10)
- ⑩ Port for network integration (requires additional module)
- ⑪ Output for signal transduction 1 (plug-in module REL65 required)
- ⑫ Output for signal transduction 2 (plug-in module REL65 required)

----- only available for EMB 7300 5 A – 0102; 10 A – 0102; 20 A – 0102