

SCHOTT Termofrost™ ECO-S®

– the energy saving system

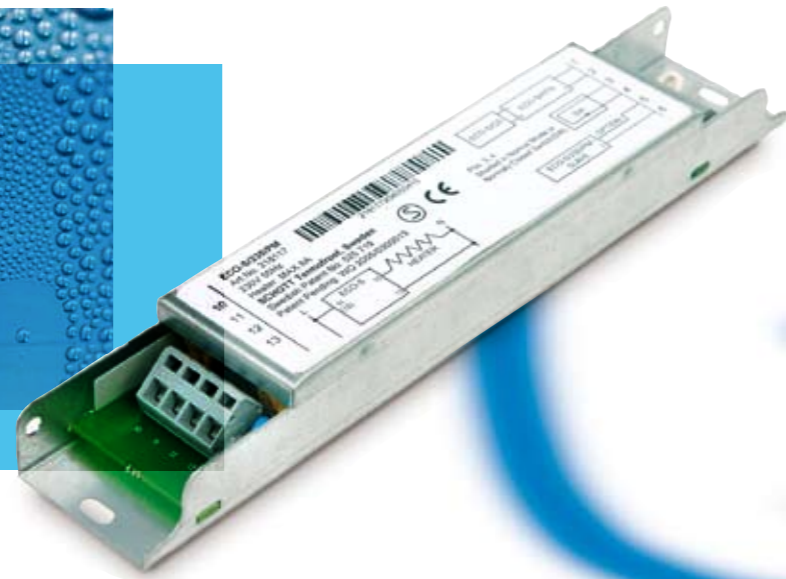
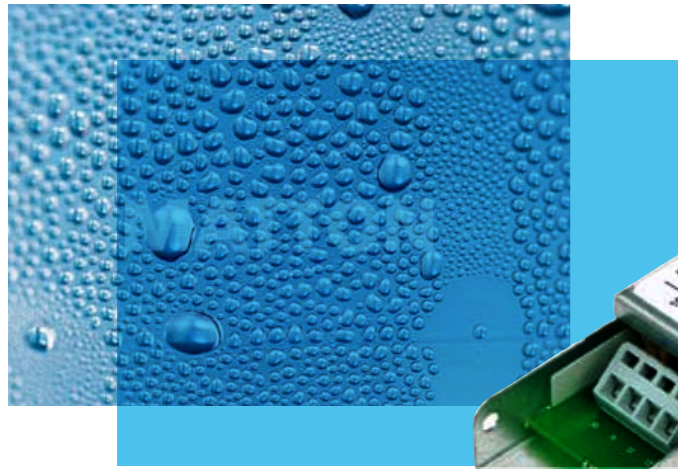
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SCHOTT Termofrost™ ECO-S® cuts the energy consumption by half and keeps the condensation away

ECO-S® is a patented modular system which minimizes the energy consumption of our frames and doors in a smart way. The system continuously measures temperature and relative humidity in the cold room and in the store. Based on this specific data, ECO-S® supplies the exact amount of energy to keep the doors and frames free of condensation. The ECO-S® module system consists of one PM (Power Module), one CS (Cold Sensor) and one HTS (Humidity and Temperature Sensor). The system is completely maintenance free. LED'S on the store sensor (HTS) indicate the functional status.

An investment in the ECO-S® system is really worthwhile, as it cuts your energy consumption by up to 60%! Therefore your new SCHOTT Termofrost™ doors and frames should always be equipped with ECO-S®.



ECO-S® is easy to install

ECO-S® can easily be added to existing SCHOTT Termofrost™ door and frame systems (retrofit). One Power Module supplies up to six openings. Further PM's are simply added in larger installations.



The status of ECO-S® is indicated by the Store Sensor LED

- ▶ A green LED indicates that everything is working properly.
- ▶ A yellow LED lights up when energy is being steered towards frames and doors.
- ▶ If there is a malfunction in the sensors, the green LED changes to a flashing red LED.



Technical Data

HTS: 10 – 100% relative air humidity and 0 – 50°C in the store
CS: in the coldroom -40°C to +40°C
PM: 230 V AC, +15% / -10%
Load / PM: max 8A

PM = Power Module, **HTS** = Humidity and Temperature Sensor
CS = Coldroom Sensor
 Swedish Patent No 525 719

Energy saving at different ambient conditions

