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Early fire detection system EFD III – DK 7338.221

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FRIEDHELM LOH GROUP

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Product description

Description:	The EFD III early fire detection system includes the smoke extraction system in a 482.6 mm (19") subrack with just 1 U. An integral fan continuously extracts air from the area being protected via a system of pipes. The air drawn in passes two fire detectors. If smoke is detected, the highly sensitive detector will emit a pre-alarm, while the second detector will activate the main alarm. The fire detectors are permanently monitored for correct functioning by the evaluation and control electronics on the control card.
Benefits:	Early fire detection 482.6 mm (19") rack mount with just 1 U Tested by VdS Schadenverhütung GmbH CAN bus interface to the CMC III monitoring system Floating relay outputs (pre-alarm/main alarm/collective fault)
Material:	Sheet steel
Colour:	Enclosure: RAL 7035 Front: RAL 9005
Protection category IP to IEC 60 529:	IP 30
Note:	This system is designed solely for use in closed, non-accessible enclosure systems.

Product description

Rated operating voltage:	100 V - 240 V, 1~, 50 Hz/60 Hz
Dimensions:	Width: 482.6 mm Width: 19" Height: 44 mm Depth: 490 mm

Temperature range:	Operation (environment): +10 °C...+40 °C Bearing: -20 °C...+65 °C Storage with batteries: -15 °C...+40 °C
Ambient humidity (non-condensing):	Bearing: 96 %
Uninterruptible mains electricity operation:	approx. 4 h
Interfaces:	4 x/3 x relay outputs for alarms and faults (terminals/RJ12 jacks) 1 x/1 x input for door contact switch (terminal/RJ12 jack) 2 x CAN connections for master-slave networking 3 x connection (external alarm/manual call point/tank and fill level) 1 x voltage output for DET-AC slave III (24 V DC max. 500 mA) 1 x USB 2 x CAN bus interfaces to CMC III (max. 16 on PU/4 on PU Compact)
Sensors:	Optical smoke detector (sensitivity: approx. 3.5%/m light obscuration) Optical smoke detector HS (sensitivity: approx. 0.25%/m light obscuration)
Display:	Plain-language display with 6 LEDs
Packs of:	1 pc(s).
Weight/pack:	15 kg
EAN:	4028177699328
Customs tariff number:	85311095
ETIM 7.0:	EC002685
ETIM 6.0:	EC002685
eCl@ss 8.0/8.1:	40040104
eCl@ss 6.0/6.1:	25010501
Product description:	DK EFD III, Early fire detection including smoke extraction system, Designed solely for use in closed, non-accessible enclosure systems, 482.6 mm (19") rack mount, 1 U

Approvals

Certificates:	EAC NA
Declarations:	Declaration of conformity