

(13) **SCHEDULE**

(14) **Statement of Conformity No. TÜV 12 ATEX 105421 U**

(15) Description of component

The electronic ballasts types 3 P 218/236/258 08 0 / 08 1 are used for the operation of one or two T8 fluorescent lamps in explosion protected luminaries.

Technical data

Type	Number of lamps	Power of lamp [W]	Mains current [A]	Power factor
3 P 218 08 0 / 08 1	1	18	0.093	0.83
	2		0.155	0.94
3 P 236 08 0 / 08 1	1	36	0.149	0.96
	2		0.289	0.99
3 P 258 08 0 / 08 1	1	58	0.236	0.98
	2		0.434	0.99

Permissible ambient temperature range 18 W: -25 °C ... +75 °C
 36 W: -25 °C ... +70 °C
 58 W: -25 °C ... +65 °C

Permissible housing temperature at tc point 18 W: 80°C
 36 W: 75 °C
 58 W: 70 °C

Nominal voltage 220 V up to 240 V

Nominal frequency 0/50-60 Hz

Voltage area 198 up to 264 V a. c.
 176 up to 264 V d. c.

Breaking capacity

of the built-in line side fuse 1500 A a. c. at $\cos \varphi \geq 0,76$ and
 1500 A d. c. at $L/R \geq 2$ ms

Cross section area 0.5 mm² up to 1.5 mm² single or multistrand conductor

Dismantled length of the wire 8.5 mm up to 9.5 mm

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Hints for erection and operation:

1. The electronic ballasts types 3 P 218/236/258 08 0 / 08 1 may be installed into housings of explosion protected luminaries with a min. type of protection of the housing of IP 54 according to IEC 60529.
2. The dismantled length of the wires (permissible cross section area 0.5 mm² up to 1.5 mm²) has to be between 8.5 mm and 9.5 mm. At use of multistrand wires, conductor sleeves have to be used.
3. The max. temperature rise at the components is 47 K.
4. The adherence of the requirements relevant for the electronic ballasts types 3 P 218/236/258 08 0 / 08 1 of the EN 61347-1 and EN 61347-2-3 has to be verified by separate tests (see EN 60079-15:2010, section 11.2.4.5).

(16) The test documents are listed in the test report no. 12 214 105421.

(17) Special conditions for safe use

none

(18) Essential Health and Safety Requirements

no additional ones