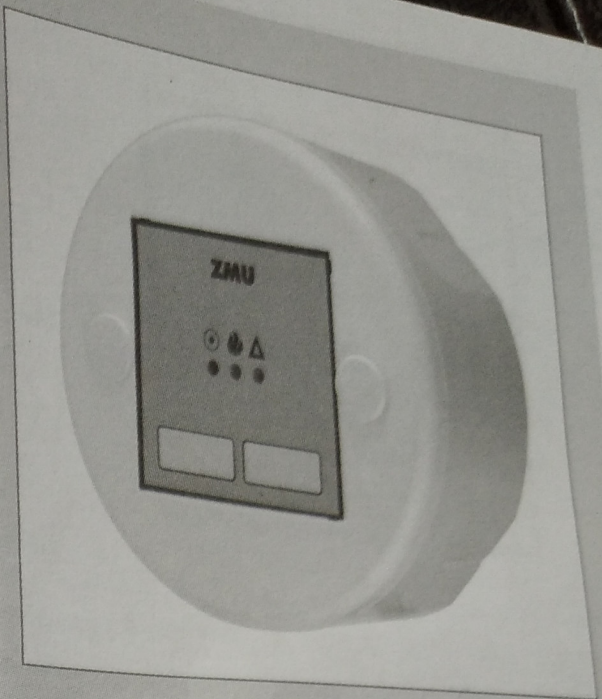


ZMU

Addressable Zone Monitoring Unit

The ZMU is a fully monitored interface module, which is used to connect a number of current limited conventional detectors to the Global Fire Addressable control panel via the detection loop. These detectors are then seen as one address at the addressable control panel.

The module can be either powered from the Loop or an external power supply. The detector line can be monitored by a bipolar electrolytic capacitor. This will reduce considerably the quiescent current load on the loop. Alternatively a resistor can be used as an end of line device. Three LEDs are provided in order to monitor the operational status of the module.



FEATURES

Fast Activation Response

Three Status LEDs

Low Power Consumption

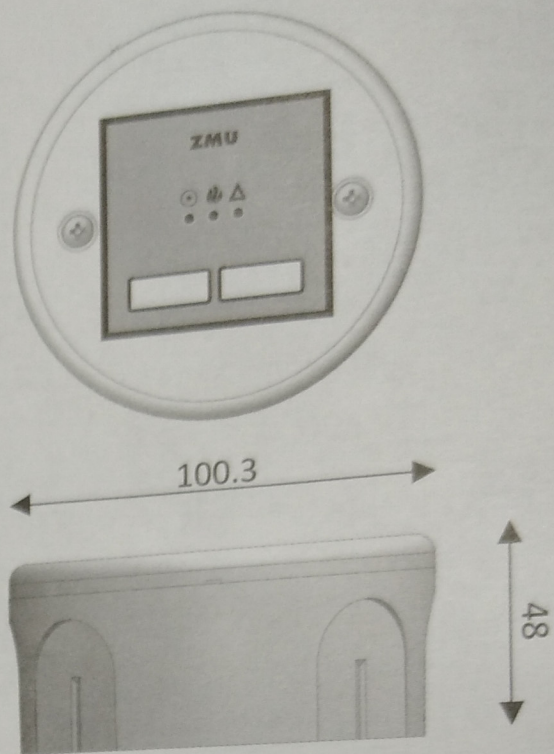
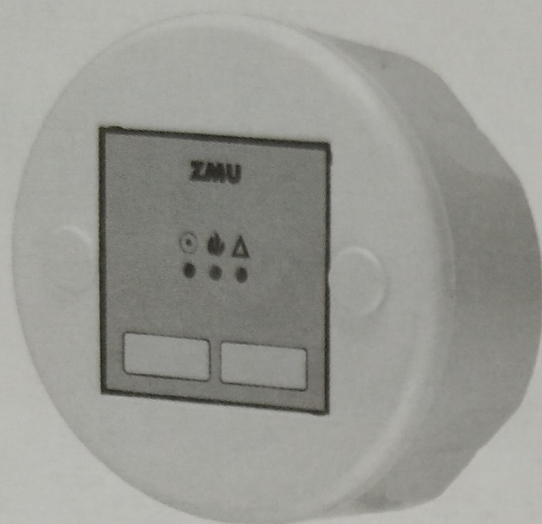
Plastic Enclosure

MECHANICAL SPECIFICATION

Enclosure Construction Material

White ABS

Flame Retardant rating 94V0



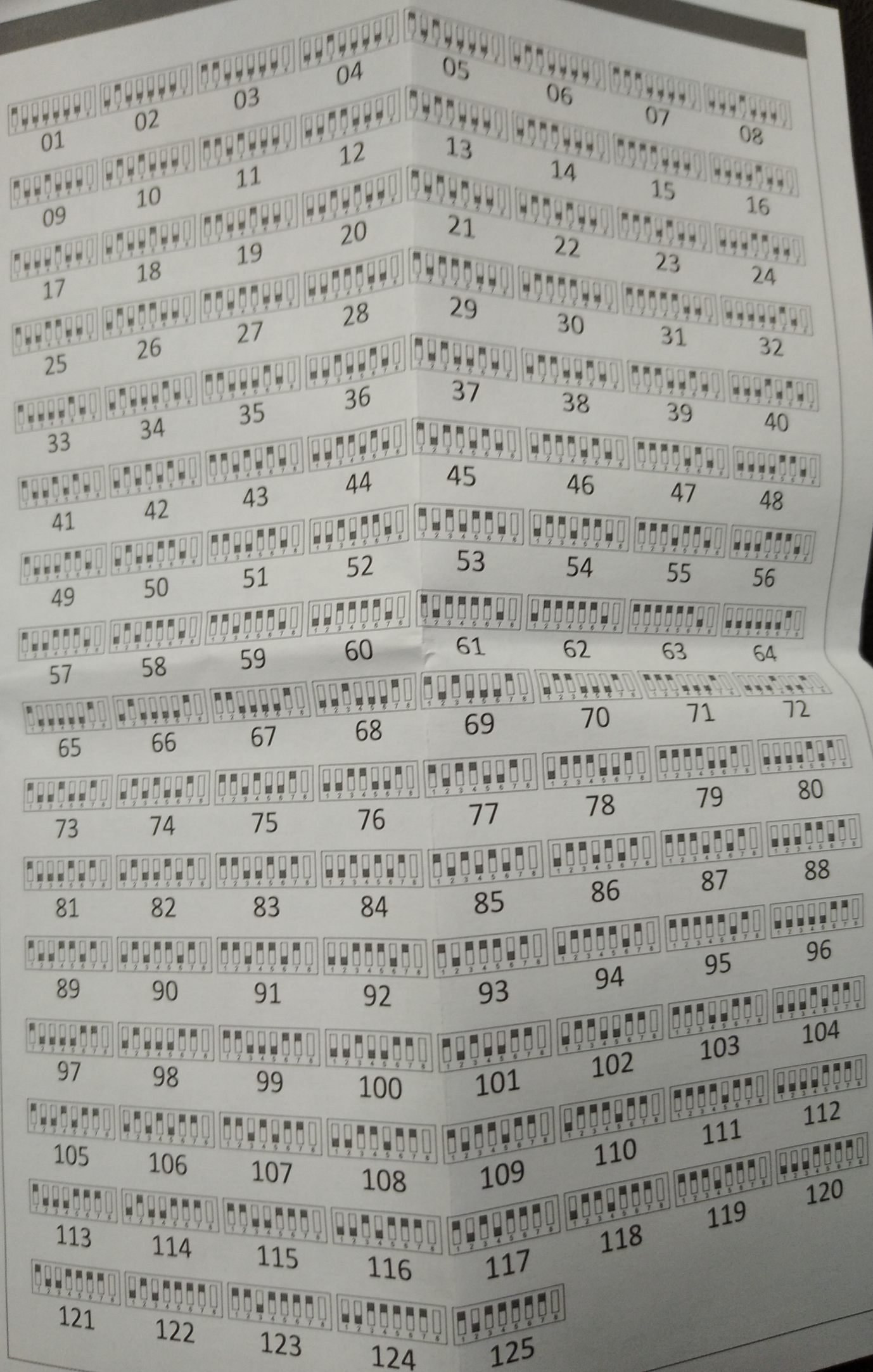
All dimensions in mm

TECHNICAL SPECIFICATIONS

SUPPLY VOLTAGE	Loop Powered - 20 V to 30 V DC
LOOP CURRENT - LOOP POWERED	1.8 mA (Quiescent) - 3.2 mA (Zone OC) 25 mA (FIRE) - 38 mA (Zone Short-Circuit)
LOOP CURRENT - EXTERNAL SUPPLY	0.5 mA
CURRENT - EXTERNAL SUPPLY	4.5 mA (Quiescent) - 4.5 mA (Zone OC) @ 28 V DC nominal 29 mA (FIRE) - 44 mA (Zone Short-Circuit) @ 28 V DC nominal
MAX. CONVENTIONAL DEVICES/ ZONE	32
MAX. NO. OF MODULES/ LOOP	20
MAX. CABLE SIZE	2.5 mm ²
MAX. HUMIDITY	95% RH Non-Condensing
OPERATING TEMPERATURE	-10°C to 50°C
DIMENSIONS	100.3 (D) x 48 (H) mm
WEIGHT	19 g Module - 109 g Boxed
ORDER CODE	DESCRIPTION
ZMU	Addressable Zone Monitoring Unit

GLOBAL FIRE EQUIPMENT S.A.

Sítio dos Barrabés, Armazém Nave Y, Caixa Postal 908-Z, 8150-016 São Brás de Alportel - PORTUGAL
 Tel: +351 289 896 560 • Sales: sales@globalfire.pt • Technical Support: techs@globalfire.pt • www.globalfire.pt



01

02

03

04

05

06

07

08

09

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125