



### Fire Alarm Station Series 8146/5052

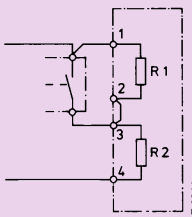
- Explosion protection
  - CENELEC
  - IEC
- Can be used in Zone 1 and Zone 2
- Colour - red (RAL 3000)
- Enclosure in polyester resin
- 3 alternatives available:
  - Alarm station 8145/5052-C796  
Mushroom stayput button with manual contact. Continuous alarm by pressing automatically locking alarm button
  - Alarm station 8145/5052-C797  
Mushroom stayput key release with manual contact. Continuous alarm by pressing automatically locking button
  - Alarm station 8145/5052-C814  
Automatic contact as alarm button springs out when glass window broken. An 8208 resistance module can be retro-fitted to protect against short-circuit and monitor for open-circuit.




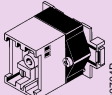


#### Selection table

Description		Schematic (window undamaged)	Ordering code	Weight [kg]
manual contact	with mushroom stayput button		<b>8146/5052-C796</b>	2,27
	with mushroom button with key lock		<b>8146/5052-C797</b>	2,27
automatic contact	with mushroom button		<b>8146/5052-C814</b>	2,27

# Zone 1 and Zone 2

Technical data	
Explosion protection	EEx de IIC T6
Test certificate	PTB Nr. Ex-93.C.1036
Version	To DIN 14 678 (non-automatic alarm station K)
Enclosure material	Polyester resin, glass fibre reinforced, red, RAL 3000
Cover fixing	Triangular head screws, captive, stainless steel, thread M6, spanner M4
Rated voltage	500 V, AC; 240 V, DC
Rated current	$I_{th2} = 6$ A, AC; 1 A, 60 V, DC, L/R = 100 ms
Switching capacity	see page 9/87, contact block 8082/3
Contacts	1 NC + 1 NO
Degree of protection	IP 65, even after damaging window
Ambient temperature	- 20° C ... + 40° C
Terminals	2,5 mm <sup>2</sup> flexible
Cable entries	1 x Pg 16 from below, cable Ø 8 – 14 mm
Resistor module	 <p>Complete retrofit kit in control unit 8208 with integral resistors for open-circuit monitoring and short-circuit protection. Resistance values as order (adapted to signalling system)</p>

Accessories and spare parts				
Designation	Description	Ordering code	Weight [kg]	
Window	 S 0703P	for 5052 – C 796 and – C 797	<b>81 460 02 58 0</b>	0,04
		for 5052 – C 796 and – C 797	<b>81 460 01 58 0</b>	0,04
Key	 S 0180P	for alarm stations 5052 – C 796 and – C 797	<b>374 602 0</b>	0,015
Label	 S 0283P	Text "Fire service" acc. to DIN 14 678	<b>81 469 06 85 2</b>	–
Resistor module	 S0704P	Retrofit in control unit 8208 integral resistors to order; e.g. 3,3 kΩ open-circuit monitoring 4,7 kΩ short-circuit protection	<b>88 000 01 40 0</b>	0,10



**Dimensions**, all dimensions in mm – subject to alteration

