# Control Stations & Switches: Switches, Circuit Breakers and "Break Glass" Call Points

SWE Series: 16 and 20 A Switches - Increased Safety

Zone 1 & 2 - 21 & 22 (i) II 2 GD

ATEX / IEC

IP66 - IK09 or IK10

## **Applications:**

- Designed to prevent operation in explosive atmospheres during connect and disconnect operation of lighting and light power loads.
- For use in hazardous areas where ignitable vapors, gases or highly combustible dusts are present.
- For installation in chemical and petrochemical plants, refineries and other process industries.

#### Features:

16 Amp version:

- · Two bottom M20 clearance holes.
- · Switch mechanism fixed at the bottom of the box.
- Termination:

Type 1: 2.5 mm<sup>2</sup>

Type 2: 2.5 mm<sup>2</sup> flexible/4 mm<sup>2</sup> solid

Internal earth:

2 x 2.5 mm<sup>2</sup> terminals

· Supplied with:

1 x white self-adhesive laminated plastic label with black lettering (58 x 18 mm)

#### 20 Amp version:

- Two M20 threaded entries on the bottom of the box.
- Switch mechanism fixed on the bottom of the box.
- Padlockable handle in position 0 using maximum 4 padlocks (maximum handle dia. 8 mm and minimum 15 mm length).
- Termination:

2.5 mm<sup>2</sup> flexible / 4 mm<sup>2</sup> solid

- Internal earth:
  - 2 x 4 mm<sup>2</sup> terminals
  - Supplied with:

 $1 \times \text{yellow self-adhesive laminated plastic label with black lettering (65 x 18 mm)}$ 

#### Standard Material of Fixtures:

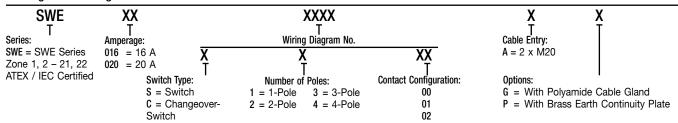
16 Amp version:

- · Polyamide box.
- A2 stainless steel coarse pitch screws (1 and a half turn).
- Polyamide cable glands.
- · Nickel plated brass locknuts.

20 Amp version:

- Polyester box
- · A2 stainless steel captive screws.
- Polyamide cable glands.

## **Catalog Number Logic:**



# **Ordering Information:**

16 A Switch - Type 1 Padlockable handle.

Two M20 polyamide cable glands (cable dia. 6.5 to 14.5 mm) on the bottom.

Switch Type	Wiring Diagram No.	Туре	Weight (kg)	Volume (dm³)	Catalog Number	Old Catalog Number
Changeover switch	C101	1	0.53	2.00	SWE016C101AG	098614
2-pole	S201	1	0.53	2.00	SWE016S201AG	098608

## 16 A Twist Button - Type 2

Non-padlockable handle.

Two M20 clearance holes on the bottom.

1110 11120 0104141100		~~				
Switch	Wiring	Туре	Weight	Volume	Catalog	Old Catalog
Type	Diagram No.		(kg)	(dm³)	Number	Number
Changeover switch 2-pole	C100	2	0.50	2.00	SWE016C100A	098631
	S200	2	0.50	2.00	SWE016S200A	098632

## 20 A Switch

Padlockable handle.

Two M20 polyamide cable glands (cable dia. 6.5 to 14.5 mm) on the bottom.

Switch Type	Wiring Diagram No.	Weight (kg)	Volume (dm³)	Catalog Number	Old Catalog Number
Changeover switch	C100	1.00	2.00	SWE020C100AG	096250
2-pole	S202	1.00	2.00	SWE020S202AG	096251
3-pole	S301	1.00	2.00	SWE020S301AG	096260
4-pole	S401	1.00	2.00	SWE020S401AG	096261

# **Switching Arrangement:**

## 16 A Switch

	C101	Contacts		l	S201	Contacts	
ľ	Positions	11-12	23-24		Positions		23-24
	0	Х			0		
	1		Х		1	Х	Х

## 16 A Twist Button

C100	Contacts		S200	Contacts	
Positions	1-2	3-4	Positions		3-4
0	Х		0		
1		Х	1	X	Х

## 20 A Switch

C100	Contacts			S202	Contacts		
Positions	1-2	3-4	Positions		1-2	3-4	
0	Х			0			
1		Х		1	Х	Х	

S301	Contacts				
Positions	1-2	3-4	5-6		
0					
1	Х	Х	Х		



S401	Contacts						
Positions	1-2	3-4	5-6	7-8			
0							
1	X	X	X	X			