

3 Standard enclosures

Three standard enclosures and a wide variety of accessories, combined with switch and lamp modules, result in a system which offers you maximum flexibility. Cable glands provide simple and internationally compatible means of entry. **ComEx** enclosures are made of impact resistance plastic. A special, moulded, seamless seal guarantees lasting IP 66 and IP 67 rating, even if the cover is frequently opened.

Dimensions for mounting

Single gang version 73 x 50

Double gang version 73 x 93

Triple gang version 73 x 136

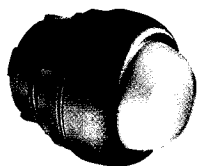
**ComEx ...
innovative system solutions
... from BARTEC**



Lamp Lens

Explosion protection	EEx e II
Test certificate	PTB Nr. Ex-95.D.3159 U
Impact strength	≥ 7 Nm
Material	Thermoplastic
Gaskets	EPDM
Type of protection	IP 66/67

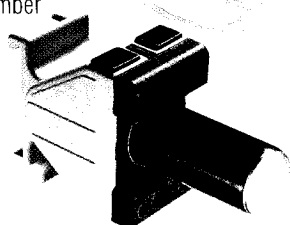
Identity number	
red	LR
green	LG
yellow	LY
white	LW
blue	LB



Lamp Module

Explosion protection	EEx me II
Test certificate	PTB Nr. Ex-95.D.2211 U
Rated voltage	AC 24 V, 48 V, 110 V, 230 V DC 24 V, 48 V
Lamp	multi-LED's
Electrical life expectancy	10 ⁵ hours illuminated

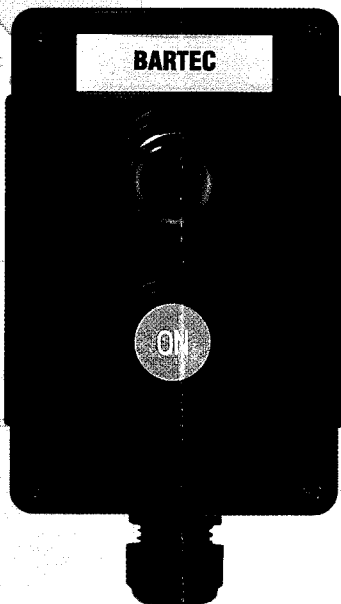
Identity number	
red	R
green	G
yellow	Y
white	W
blue	B



Easy to install

The **ComEx** range is simplicity itself to install. The low side walls of the enclosure make the connection terminals accessible and easy to wire. The PE conductor connections are also arranged for easy connection and offer a high degree of safety. Electrical connection is established via an M20 x 1.5 threaded entry or cable glands. The enclosures can be mounted without removing the cover and can be joined to one another using one screw. Moulded location points on the faces of the enclosures ensure they are aligned and that the final assembly is rigid.

**ComEx ...
the easy-installation solution
... from BARTEC**



Switch Actuators

Explosion protection	EEx e II
Test certificate	PTB Nr. Ex-95.D.3159 U
Impact strength	$\geq 7 \text{ Nm}$
Material	Thermoplastic
Gaskets	EPDM
Type of protection	IP 66/67

Pushbutton

with rubber membrane,
supplied with four labels:
red, green, yellow, white
Identity number **P7**



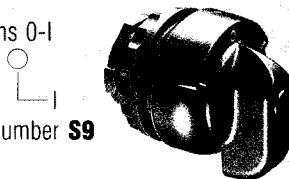
Selector switch

3 positions I-0-II, black

I + II latching	Identity number S0
I + II spring return	Identity number S1
I latching, II spring return	Identity number S2
I latching, II spring return	Identity number S3

2 positions 0-I
latching,
black

Identity number **S9**



Solutions tailored to customers' requirements

BARTEC has solutions to meet your own individual requirements. Metal cable glands with integrated metal earth plates for armoured cables, M25 bushings or two bushings for connection enclosures and linking connection cables provide a high degree of flexibility in both project planning and installation.

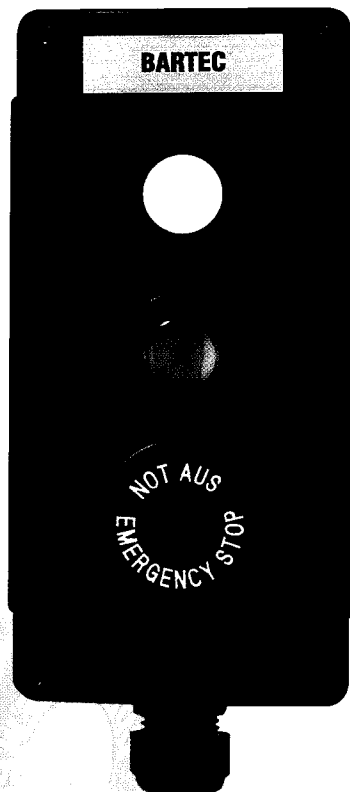
ComEx ...
the best solution for your application
... from BARTEC

Elegant control elements

A choice of eleven different switch actuators and five different lamp lenses are available to meet your requirements. The switch and lamp modules are extremely versatile and simple to install.

16 A switching capacity and connection voltage of 24 V/48 V/110 V/230 V AC or 24 V/48 V DC with only one lamp module guarantees easy project planning and greater flexibility for installation. These modules can be snapped on to their mounting rails quickly and easily.

ComEx ...
top of the range control elements
... from BARTEC



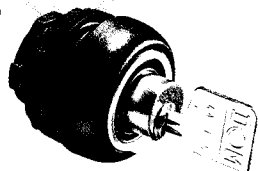
Keyswitch

lockable in both positions, key retractable in both positions,
lock 4 A 185

Identity number **K0**

lockable in the depressed position,
key retractable in the depressed position,
lock 4 A 185

Identity number **K1**



lockable in the initial position,
key retractable in the initial position,
lock 4 A 185

Identity number **K2**

Emergency Stop

pushbutton marked
'NOT-AUS EMERGENCY STOP'

Identity number **N8**



Technical data

Explosion protection

EEx e d m II C T6

Test certificate

PTB No. Ex-97.D.3127

IP rating

IP 66 / IP 67

Connection

Terminals 2.5 mm²

PE conductor terminals

4 x 2.5 mm

Cable entry

M 20 x 1,5
for cable diameter 6 ... 12 mm

Permissible ambient temperature

- 20 °C ... + 40 °C

Enclosure material

Thermoplastic

For dimensions see drawings on reverse of this brochure.

Order data

Control stations **single gang** **07-3511-10** ☐☐☐

Control stations **double gang** **07-3512-10** ☐☐☐ ☐☐☐

Control stations **double gang with meter** **07-3512-10** ☐☐☐

Control stations **triple gang** **07-3513-10** ☐☐☐ ☐☐☐ ☐☐☐

Control stations **triple gang with meter** **07-3513-10** ☐☐☐ ☐☐☐

Please fill in code:

☐☐ Switch actuator or
lamp lens

☐ Switch or
lamp module

☐☐☐ Meter

Switch Module

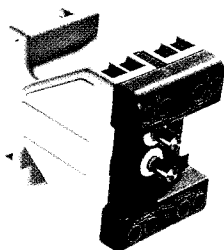
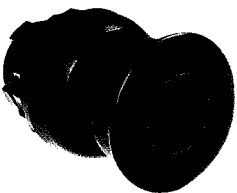
Explosion protection EEx de IIC
Test certificate PTB Nr. Ex-95.D.1035 U
Rated insulation voltage 300 V
Rated current I_{rne} 16 A / + 40 °C,
11A / + 60 °C

1 n/c, 1 n/o Identity number **4**
2 n/c Identity number **1**
2 n/o Identity number **2**

Mushroom Pushbutton

black

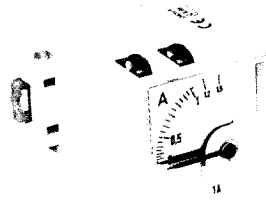
Identity number **P8**



Meter

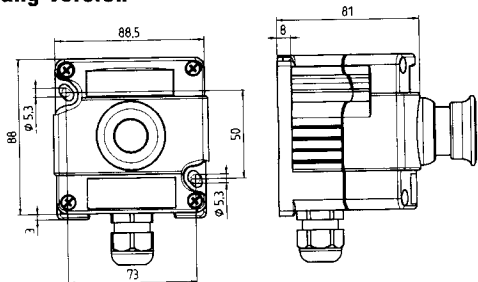
Direct measuring mechanisms, mechanisms for connection to current transformer plus a wide selection of scales are available. The meter can be installed in a double or triple gang enclosure.

1 A Identity number **MM 1**
5 A Identity number **MM 5**

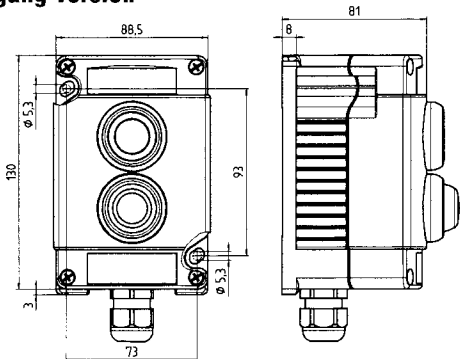


Dimensioned drawings

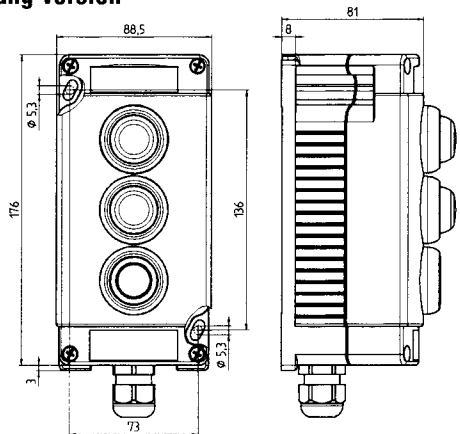
Single gang version



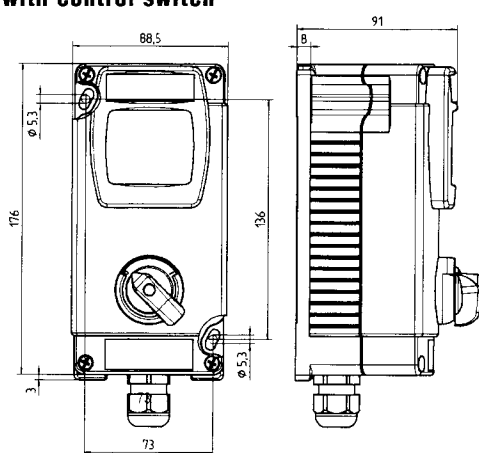
Double gang version



Triple gang version

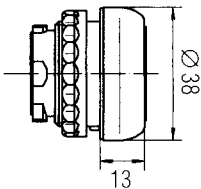


Meter with control switch

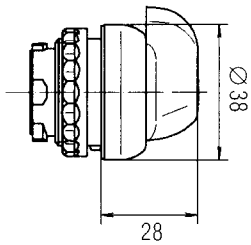


Operator

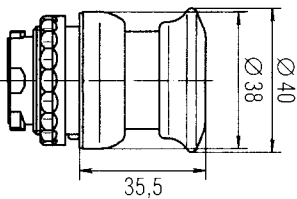
Pushbutton



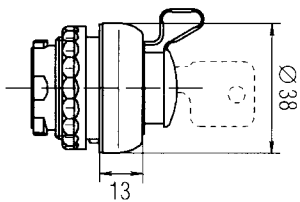
Selector switch



Emergency Stop Mushroom Pushbutton, black



Keyswitch



Lamp Lens

