

Boxes with safety- and disconnecting switches

All-rubber boxes for operating elements such as:

- Safety switches
- Disconnecting switches
- Emergency Disconnectors

Optimum safety – for people and machinery

The safety of your employees is guaranteed by complying with safety regulations and instructions.

5 safety rules:

1. All-pole disconnecting
2. Protecting against reconnection
3. Testing break off of current
4. grounding and short circuiting
5. Protecting against adjoining parts under strain (covering, insulating)

Definitions

Safety switches

(main switches for power supply of machines and hoisting tackle)

Definition

This main switch cannot be used as emergency-disconnecting switch. The colour of the switch gear should be black. The switch must be able to connect and disconnect all-pole. It must be possible to lock the switch in the OFF position, e. g. by using a padlock.

Disconnecting switch

Definition

The disconnecting switch must disconnect all-pole, and does not have off-breaking capacity; it must be equipped with a facility against being switched on by mistake. The colour of the switch gear should be black.

Safety switch with emergency function

Definition

This main switch can be used as an emergency switch. The colour of the switch gear must be red, with yellow base. The switch must be lockable in the OFF-position, for instance by the use of a padlock.

GIFAS offers you the security to comply with the regulations of the authorities without neglecting comfort.

Even at exposed locations the combination of switches, operational equipment, and signalling devices installed in all-rubber cases is the ideal solution for your installations.



Boxes with safety and disconnecting switches

in all-rubber boxes models 1212 and 1812



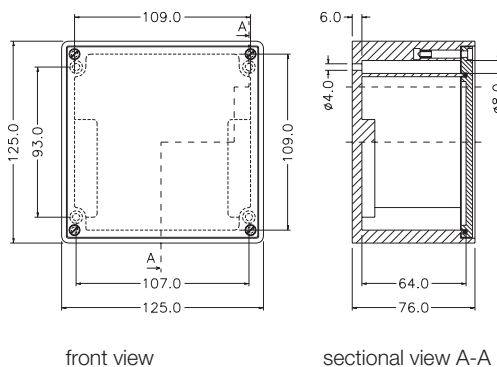
emergency push-button



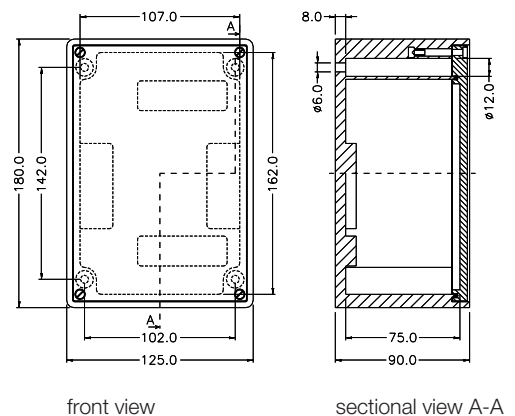
main switch-connection to the network

Box	all-rubber Model 1212	all-rubber Model 1812
Feeding	1/cable gland M20	2/cable glands M20
Design	self locking emergency button button with key available contacts: 1 opener International protection: IP 65 engraving on box possible	3 poles switch grey, black gear (with maximum use of 3 padlocks) 20A A (AC 1), 3,7kW (AC3) 400V International protection: IP 65 engraving on box possible
EDP-No.	66806	48619
Product-ID-No.	1212.NOT-AUS.1Ö.1M20.IP65	1812.KG10B.T103.2M20

dimensions of empty boxes



dimensions of empty boxes



Boxes with safety and disconnecting switches

in all-rubber boxes models 2516 and 7250



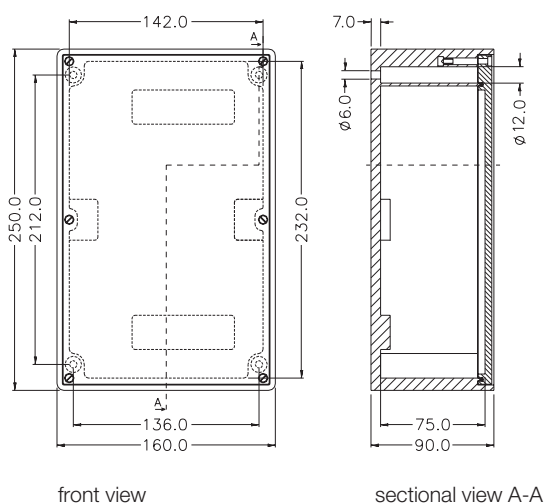
Main switch - repair switch



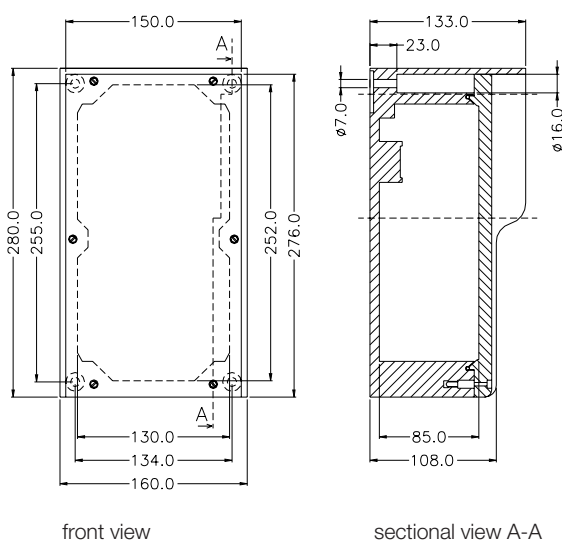
control panel with repair switch

Box	all-rubber Model 2516	all-rubber Model 7250
Feeding	2/cable glands M25	2/cable glands M25 1/cable gland M20
Layout	3/poles switch grey, black gear (with maximum use of 3 padlocks) 25A (AC 1) 5,5kW (AC 3) 400V	3 poles switch grey, black gear (with maximum use of 3 padlocks) 32A (AC 1) 7,5kW (AC 3) 400V 2 control switches (pushing type) with indicator lamps assigned
	International protection: IP 65	International protection: IP 65
	engraving on box possible	engraving on box possible
EDP-No.	48620	48621
Product-ID-No.	2516.1KG20B.T103.2M25	7250.3KN.2LM.1M20.2M25

dimensions of empty boxes



dimensions of empty boxes



Boxes with safety and disconnecting switches

in all-rubber boxes models 3800 and 3900



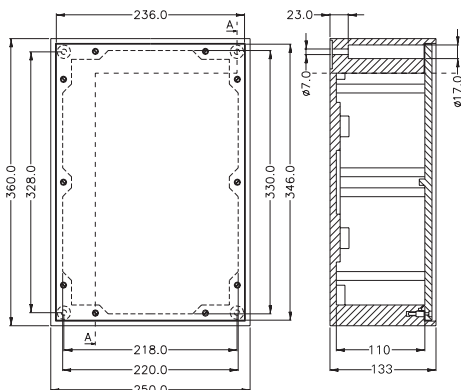
**Control panel with
built-in emergency main-switch**



**main switch - connection to
the network**

Box	all-rubber Model 3800	all-rubber Model 3900
Feeding	2/cable glands M32 2/cable gland M20	2/cable glands M40 1/cable gland M25
Layout	3/poles switch yellow, red gear (with maximum use of 3 padlocks) 32A (AC 1) 7,5kW (AC 3) 400V 2 auxiliary pre-mating, closing contacts included 1/control button START-RIGHT 1/control button START-LEFT 1/control button STOP Clamp wired connection Control circuit separated from power supply International protection: IP 65 engraving on box possible	3 poles switch grey, black gear (with maximum use of 3 padlocks) 150A (AC1) 75kW (AC3) 400V Power supply earthing in neutral position (0) International protection: IP 65 engraving on box possible
EDP-No.	47840	48706
Product-ID-No.	3800.ANTRIEB.093	3900.RECHENREINIGUNG

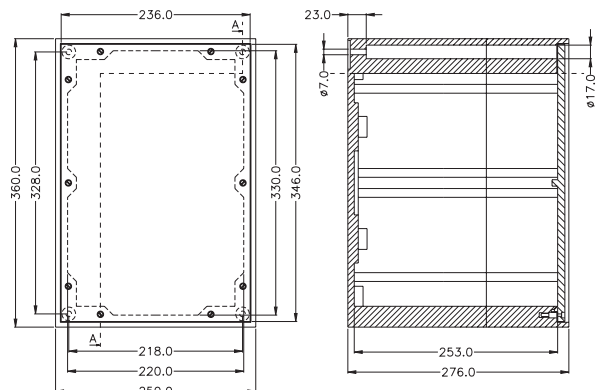
dimensions of empty boxes



front view

sectional view A-A

dimensions of empty boxes



front view

sectional view A-A

Boxes with safety and disconnecting switches

in all-rubber boxes models 7800 and 7900

"Schuko, FI, LS"
Explanations see page 1/0



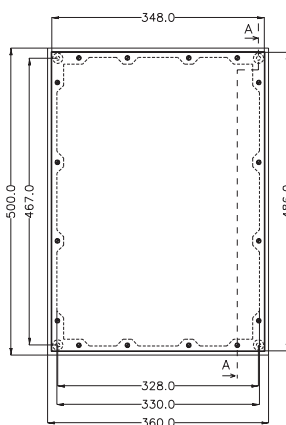
Motor-control unit with repair and reversing switch



Main switch box with built-in work sockets

Box	all-rubber Model 7800	all-rubber Model 7900
Feeding	2/cable glands M40 1/cable gland M20	2/cable glands M32 3/cable glands M20 1/cable glands M16
Layout	3/poles grey switch, black gear (for maximum use of 3 padlocks) 80A (AC 1) 30kW (AC 3) 400V reversing switch 3 poles with zero position 115A (AC1) 45kW (AC3) 400V International protection: IP 65 engraving on box possible	1 main power switch 3 poles grey, black gear (with maximum use of 3 padlocks) 25A (AC1) 7,5kW (AC3) 400V 1/auxiliary power switch 2 poles grey black gear (with maximum use of 3 padlocks) switch power: 20A The distributing poles are grounded at zero position International protection: IP 54 engraving on box possible
Work sockets		1/Schuko socket 16A 230V 1/CEE-Socket 5x32A 400V with LS and FI fused sockets
EDP-No.	48705	48708
Product-ID-No.	7800.KG80.C80.SAK.3M	7900.LASTENAUFZUG

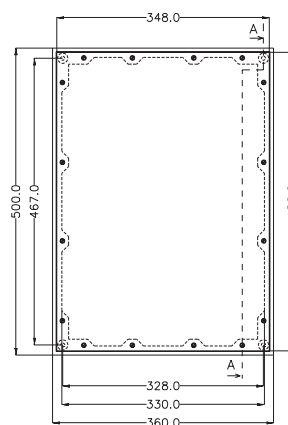
dimensions of empty boxes



front view

sectional view A-A

dimensions of empty boxes



front view

sectional view A-A

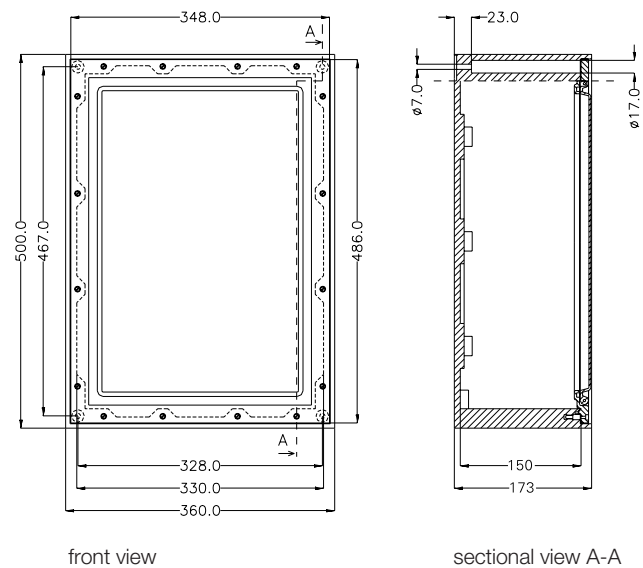
Boxes with safety and disconnecting switches
in all-rubber boxes model 7900 with door



Control unit with built-in emergency main switch

Box	all-rubber Model 7900 with door
Feeding	2/ cable glands M40 2/ cable glands M20
Layout	3/poles yellow switch , red gear with door clutches (for maximum use of 3 padlocks) 100A (AC1) 30kW (AC3) incl. 2 auxiliary pre-mating closing contacts 1/control button: START 1/control button: STOP completely wired on clamps ready to be connected The rotating locks and the switch with door clutches allow an easy and quick access to the internal part of the box for revision and tests. International protection: IP 54 engraving on box possible
EDP-No.	48707
Product-ID-No.	7900.T.MOTOR.30KW

dimensions of empty boxes



Boxes with safety and disconnecting switch in all-rubber boxes

Special solutions

