



**PIT BOTTOM, RECALL DRIVE CONTROL UNITS
AND CAR TOP INSPECTION BOXES - GM Series**

**GMO1FN3
GMO1RN3A
GMO1RN3A.1A**

IP65



DESCRIPTION	SCHEME
Alarm push button station CE 95/16	
Push button Ø 40 momentary (GMO1FN3)	
Flush push button Ø 40 momentary (GMO1RN3A)	
Flush push button Ø 40 momentary (GMO1RN3A.1A)	

CONTACT BLOCKS

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 16
Rated thermal current I_{the} [A]: 16
Frequency [Hz]: 50/60
Rated operating current: AC 15 – DC 13

**GMO1P4NP - GMO1P4SP
GMO1R4NP - GMO1R4N**

IP65



DESCRIPTION	SCHEME
E-stop push button station EN ISO 13850	
Mushroom Ø 40 push-pull with 4 sectors shock protected 1NO-1NC (GMO1P4NP - GMO1P4SP)	
Mushroom Ø 40 push-pull with 4 sectors shock protected 1NC (GMO1R4NP - GMO1R4N)	

CONTACT BLOCKS

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 16
Rated thermal current I_{the} [A]: 16
Frequency [Hz]: 50/60
Rated operating current: AC 15 – DC 13

GM353

IP65



DESCRIPTION	SCHEME
Pit bottom switch with knob Ø 35	
Cam switch 0-1 90° switching 1NO	

CAM SWITCHES

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 20
Rated thermal current in enclosure I_{the} [A]: 16
Frequency [Hz]: 50/60



GM355

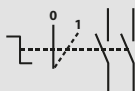
IP65

DESCRIPTION

**Pit bottom switch
with knob Ø 35**

Cam switch 0-1 90° switching
2NO

SCHEME



CAM SWITCHES

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 20
Rated thermal current in enclosure I_{the} [A]: 16
Frequency [Hz]: 50/60



GM354 GM356

IP65

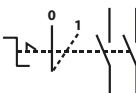
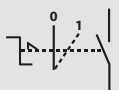
DESCRIPTION

Pit switch

With handle locked
in stop position - 1NO
(GM354)

With handle locked
in stop position - 2NO
(GM356)

SCHEME



CAM SWITCHES

Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current in enclosure I_{the} [A]: 16
Rated thermal current I_{th} [A]: 20
Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Frequency [Hz]: 50/60



GM092

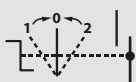
IP65

DESCRIPTION

**Door opener
control station**

Cam switch 1 - 0 - 2
spring return to the center

SCHEME



CAM SWITCHES

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 20
Rated thermal current in enclosure I_{the} [A]: 16
Frequency [Hz]: 50/60



PIT BOTTOM, RECALL DRIVE CONTROL UNITS AND CAR TOP INSPECTION BOXES - GM Series

GM406/EU

IP54 



DESCRIPTION

Emergency stop EN ISO 13850
mushroom Ø 40 push-pull
with vision:

SCHEME



1 Schuko socket outlet 16A



CONTACT BLOCKS

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 16
Rated thermal current I_{the} [A]: 16
Frequency [Hz]: 50/60
Rated operating current: AC 15 – DC 13

1 Cenelec socket outlet



GM407

1 USA socket outlet



GM408

1 Swiss socket outlet



GM408/SW

1 UK standard socket outlet



GM408/UK

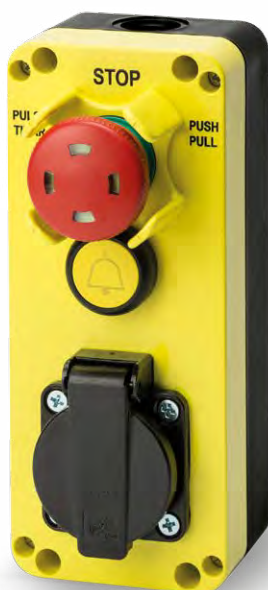
1 Australia-China socket outlet



GM408/CH

GM401

IP54 



DESCRIPTION

Emergency stop EN ISO 13850
mushroom Ø 40 push-pull
with vision:

SCHEME



1 Alarm push button - 1NO



1 Schuko socket outlet 16A



1 Cenelec socket outlet



GM401/FR

1 USA socket outlet



GM401/US

1 Swiss socket outlet



GM401/SW

1 UK standard socket outlet



GM401/UK

1 Australia-China socket outlet



GM401/CH

CONTACT BLOCKS

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 16
Rated thermal current I_{the} [A]: 16
Frequency [Hz]: 50/60
Rated operating current: AC 15 – DC 13

GM403A

IP54

DESCRIPTION	SCHEME	CONTACT BLOCKS
Emergency stop EN ISO 13850 mushroom Ø 40 push-pull with vision:		Rated operating voltage U_e [V]: 690 Rated insulation voltage U_i [V]: 690 Rated impulse withstand voltage U_{imp} [kV]: 4 Rated thermal current I_{th} [A]: 16 Rated thermal current I_{the} [A]: 16 Frequency [Hz]: 50/60 Rated operating current: AC 15 – DC 13
1 knob selector 0 - 1 to 90°		
1 Schuko socket outlet 16A		
1 Cenelec socket outlet		GM403/FR
1 USA socket outlet		GM403/US
1 Swiss socket outlet		GM403/SW
1 UK standard socket outlet		GM403/UK
1 Australia-China socket outlet		GM403/CH



GM421

IP54

DESCRIPTION	SCHEME	CONTACT BLOCKS
Emergency stop EN ISO 13850 mushroom Ø 40 push-pull with vision:		Rated operating voltage U_e [V]: 690 Rated insulation voltage U_i [V]: 690 Rated impulse withstand voltage U_{imp} [kV]: 4 Rated thermal current I_{th} [A]: 16 Rated thermal current I_{the} [A]: 16 Frequency [Hz]: 50/60 Rated operating current: AC 15 – DC 13
1 Alarm lighted push button - 1 NO		
1 Cenelec socket outlet		
1 Schuko socket outlet 16A		GM421/EU
1 USA socket outlet		GM421/US
1 Swiss socket outlet		GM421/SW
1 UK standard socket outlet		GM421/UK
1 Australia-China socket outlet		GM421/CH



PIT BOTTOM, RECALL DRIVE CONTROL UNITS AND CAR TOP INSPECTION BOXES - GM Series

GM491

IP54 

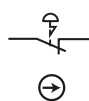


DESCRIPTION

Emergency stop EN ISO 13850
mushroom Ø 40 push-pull
with vision:

1 dual push button
Alarm - Light 1NO+1NO

SCHEME



1 Schuko socket outlet 16A



1 Cenelec socket outlet



1 USA socket outlet



1 Swiss socket outlet



1 UK standard socket outlet



1 Australia-China socket outlet



CONTACT BLOCKS

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 16
Rated thermal current I_{the} [A]: 16
Frequency [Hz]: 50/60
Rated operating current: AC 15 – DC 13

GM492

GM492/US

GM492/SW

GM492/UK

GM492/CH

GM419

IP65 



DESCRIPTION

Buzzer AC/DC 12-24V
with:

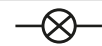
1 Red led Light



1 Green led light



AC/DC 24V



AC/DC 24V

GM219

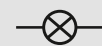
IP65 



DESCRIPTION

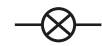
Advising LED lights AC/DC
12-24V with:

1 Green led Light



AC/DC 24V

1 Red led light



AC/DC 24V



GM092BYPASS

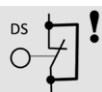
IP65

DESCRIPTION

SCHEME

Landing and car door
bypass device

Cam switch 1 - 2



CAM SWITCHES

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 20
Rated thermal current in enclosure I_{the} [A]: 16
Frequency [Hz]: 50/60



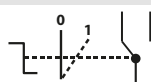
GM243

IP54

DESCRIPTION

SCHEME

Cam switch 0-1 90°
switching with:



1 Schuko socket outlet 16A



CAM SWITCHES

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 20
Rated thermal current in enclosure I_{the} [A]: 16
Frequency [Hz]: 50/60

1 Cenelec socket outlet



GM243/FR

1 USA socket outlet



GM243/US

1 Swiss socket outlet



GM243/SW

1 UK standard socket outlet



GM243/UK

1 Australia-China socket outlet



GM243/CH



PENDANT STATIONS - TLP Series

TLP1.EPP

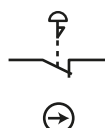
IP65 



DESCRIPTION

Emergency stop
EN-ISO 13850
Ø 40 to push-pull
with 1 contact block NC

SCHEME



CONTACT BLOCKS

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 16
Rated thermal current I_{the} [A]: 16
Frequency [Hz]: 50/60
Rated operating current: AC 15 – DC 13

TLP1.VPP

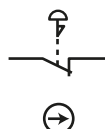
IP65 



DESCRIPTION

Emergency stop
EN-ISO 13850
Ø 40 to push-pull with
vision contact block NC

SCHEME



CONTACT BLOCKS

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 16
Rated thermal current I_{the} [A]: 16
Frequency [Hz]: 50/60
Rated operating current: AC 15 – DC 13

TLP1.ESR

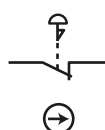
IP65 



DESCRIPTION

Emergency stop
EN-ISO 13850
Ø 40 twist to release
with 1 contact block NC

SCHEME



CONTACT BLOCKS

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 16
Rated thermal current I_{the} [A]: 16
Frequency [Hz]: 50/60
Rated operating current: AC 15 – DC 13

TLP1B.AL

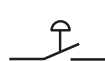
IP65 



DESCRIPTION

Alarm push button
mushroom operator
Ø 40 with 1 contact NO

SCHEME



CONTACT BLOCKS

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 16
Rated thermal current I_{the} [A]: 16
Frequency [Hz]: 50/60
Rated operating current: AC 15 – DC 13



TLP2

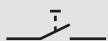
IP65

DESCRIPTION

1 Up push button - 1NO



1 Down push button - 1NO



SCHEME

CONTACT BLOCKS

Rated operating voltage U_e [V]: 690

Rated insulation voltage U_i [V]: 690

Rated impulse withstand voltage U_{imp} [kV]: 4

Rated thermal current I_{th} [A]: 16

Rated thermal current I_{the} [A]: 16

Frequency [Hz]: 50/60

Rated operating current: AC 15 – DC 13

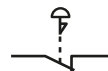


TLP3.B

IP65

DESCRIPTION

Emergency stop
EN ISO 13850
Ø 30 twist to release
with 1 contact block NC



1 Up push button - 1NO



1 Down push button - 1NO



SCHEME

CONTACT BLOCKS

Rated operating voltage U_e [V]: 690

Rated insulation voltage U_i [V]: 690

Rated impulse withstand voltage U_{imp} [kV]: 4

Rated thermal current I_{th} [A]: 16

Rated thermal current I_{the} [A]: 16

Frequency [Hz]: 50/60

Rated operating current: AC 15 – DC 13

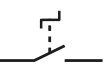


TLP3.D

IP65

DESCRIPTION

Knob selector with
1 NO contact block



1 Up push button - 1NO



1 Down push button - 1NO



SCHEME

CONTACT BLOCKS

Rated operating voltage U_e [V]: 690

Rated insulation voltage U_i [V]: 690

Rated impulse withstand voltage U_{imp} [kV]: 4

Rated thermal current I_{th} [A]: 16

Rated thermal current I_{the} [A]: 16

Frequency [Hz]: 50/60

Rated operating current: AC 15 – DC 13



PENDANT STATIONS - TLP Series



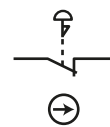
TLP4.A

IP65 

DESCRIPTION

Emergency stop
EN ISO 13850
Ø 30 twist to release
with 1 contact block NC

SCHEME



1 Up push button - 1NO 



1 Down push button - 1NO 



1 Common push button - 1NO 



CONTACT BLOCKS

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 16
Rated thermal current I_{the} [A]: 16
Frequency [Hz]: 50/60
Rated operating current: AC 15 – DC 13



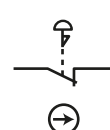
TLP4

IP65 

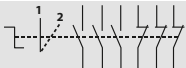
DESCRIPTION

Emergency stop
EN ISO 13850
Ø 30 twist to release
with 1 contact block NC

SCHEME



1 Cam switch 1-2
90° switching - 3NO+3NC



1 Up push button - 1NO 



1 Down push button - 1NO 

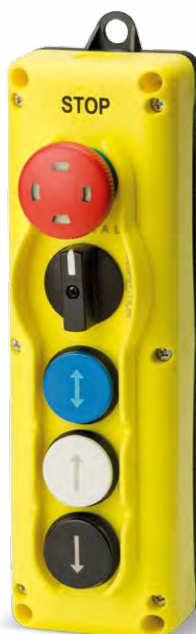


CAM SWITCHES

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 20
Rated thermal current in enclosure I_{the} [A]: 16
Frequency [Hz]: 50/60

CONTACT BLOCKS

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 16
Rated thermal current I_{the} [A]: 16
Frequency [Hz]: 50/60
Rated operating current: AC 15 – DC 13



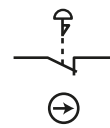
TLP5

IP65 

DESCRIPTION

Emergency stop
EN ISO 13850
Ø 40 push-pull
with 1 contact block NC

SCHEME



1 Cam switch 1-2
90° switching - 3NO+3NC



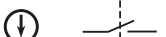
1 Common push button - 1NO 



1 Up push button - 2NO 



1 Down push button - 2NO 



CAM SWITCHES

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 20
Rated thermal current in enclosure I_{the} [A]: 16
Frequency [Hz]: 50/60

CONTACT BLOCKS

Rated operating voltage U_e [V]: 690
Rated insulation voltage U_i [V]: 690
Rated impulse withstand voltage U_{imp} [kV]: 4
Rated thermal current I_{th} [A]: 16
Rated thermal current I_{the} [A]: 16
Frequency [Hz]: 50/60
Rated operating current: AC 15 – DC 13