

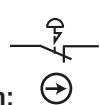
GM442N

IP65

DESCRIPTION

SCHEME

Emergency stop
EN ISO 13850
Ø 40 twist to release with:



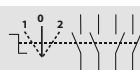
1 Up push button - 2NO



1 Down push button - 2NO



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



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



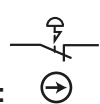
GM444N

IP65

DESCRIPTION

SCHEME

Emergency stop
EN ISO 13850
Ø 40 twist to release with:



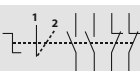
1 Up push button - 2NO



1 Down push button - 2NO



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



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



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



GM441N

IP54 

DESCRIPTION	SCHEME
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Emergency stop EN ISO 13850 
Ø 40 twist to release with: 

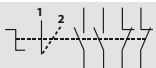
1 Up push button - 2NO 



1 Down push button - 2NO 



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



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



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

GM441N/FR

GM441N/US

GM441N/SW

GM441N/UK

GM441N/CH



GM445N

IP54 

DESCRIPTION	SCHEME
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Emergency stop EN ISO 13850 
Ø 40 twist to release with: 

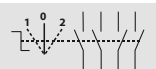
1 Up push button - 2NO 



1 Down push button - 2NO 



1 Cam switch 1-0-2
90° switching - 2NO + 2NC



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



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

GM445N/FR

GM445N/US

GM445N/SW

GM445N/UK

GM445N/CH



GM660

IP54 Magnets on the bottom by request

DESCRIPTION	SCHEME
Emergency stop EN ISO 13850 Ø 40 twist to release with:	
1 Up push button - 2NO	
1 Down push button - 2NO	
1 Alarm push button 1NO + 1NC	
1 Cam switch 1-2 90° switching - 3NO + 3NC	
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	

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

GM660/FR

GM660/US

GM660/SW

GM660/UK

GM660/CH



GM663

IP54 Magnets on the bottom by request

DESCRIPTION	SCHEME
Emergency stop EN ISO 13850 Ø 40 push-pull with:	
1 Up push button - 2NO	
1 Down push button - 2NO	
1 Common push button - 2NO	
1 Cam switch 1-2 90° switching - 3NO + 3NC	
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	

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

GM663/FR

GM663/US

GM663/SW

GM663/UK

GM663/CH

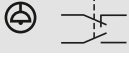
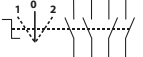


PIT BOTTOM, RECALL DRIVE CONTROL UNITS AND CAR TOP INSPECTION BOXES - GM Series



GM670

IP54 ☐ Magnets on the bottom by request

DESCRIPTION	SCHEME
Emergency stop EN ISO 13850 Ø 40 twist to release with:	
1 Up push button - 2NO	
1 Down push button - 2NO	
1 Alarm push button 1NO+1NC	
1 Cam switch 1-O-2 90° switching - 2NO + 2NC	
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	

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

GM670/FR

GM670/US

GM670/SW

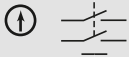
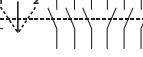
GM670/UK

GM670/CH



GM677

IP54 ☐ Magnets on the bottom by request

DESCRIPTION	SCHEME
Emergency stop EN ISO 13850 Ø 40 push-pull with:	
1 Up push button - 2NO	
1 Down push button - 2NO	
1 Common push button - 2NO	
1 Cam switch 1-O-2 90° switching - 3NO + 3NC	
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	

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

GM677/FR

GM677/US

GM677/SW

GM677/UK

GM677/CH

GM750

IP54 ☐ Magnets on the bottom by request

DESCRIPTION	SCHEME
Emergency stop EN ISO 13850 Ø 40 push-pull with:	
1 Up push button - 2NO	 
1 Down push button - 2NO	 
1 Alarm push button - 1NO	 
1 Common push button - 1NO	 
1 Cam switch 1-2 90° switching - 2NO + 2NC	 
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	

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

GM750/FR

GM750/US

GM750/SW

GM750/UK

GM750/CH



GM757

IP54 ☐ Magnets on the bottom by request

DESCRIPTION	SCHEME
Emergency stop EN ISO 13850 Ø 40 push-pull with:	
1 Up push button - 2NO - 1NC	 
1 Down push button - 2NO - 1NC	 
1 Knob selector 1-O-2 - 1NO+1NO	 
1 Common push button - 2NO	 
1 Cam switch 1-2 90° switching - 2NO + 2NC	 
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	

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

GM757/FR

GM757/US

GM757/SW

GM757/UK

GM757/CH

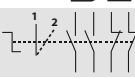


PIT BOTTOM, RECALL DRIVE CONTROL UNITS AND CAR TOP INSPECTION BOXES - GM Series



GM758

IP54  Magnets on the bottom by request

DESCRIPTION	SCHEME
Emergency stop EN ISO 13850 Ø 40 push-pull with:	
1 Up push button - 2NO - 1NC	
1 Down push button - 2NO - 1NC	
1 Led light	
1 Common push button - 2NO	
1 Cam switch 1-2 90° switching - 2NO + 2NC	
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	

CAM SWITCHES

Rated operating voltage Ue [V]: 690
Rated insulation voltage Ui [V]: 690
Rated impulse withstand voltage Uimp [kV]: 4
Rated thermal current Ith [A]: 20
Rated thermal current in enclosure Ithe [A]: 16
Frequency [Hz]: 50/60

CONTACT BLOCKS

Rated operating voltage Ue [V]: 690
Rated insulation voltage Ui [V]: 690
Rated impulse withstand voltage Uimp [kV]: 4
Rated thermal current Ith [A]: 16
Rated thermal current Ithe [A]: 16
Frequency [Hz]: 50/60
Rated operating current: AC 15 – DC 13

GM758/FR

GM758/US

GM758/SW

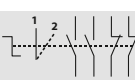
GM758/UK

GM758/CH



GM751

IP65  Magnets on the bottom by request

DESCRIPTION	SCHEME
Emergency stop EN ISO 13850 Ø 40 push-pull with:	
1 Up push button - 2NO	
1 Down push button - 2NO	
1 Alarm push button - 1NO	
1 Common push button - 1NO	
1 Cam switch 1-2 90° switching - 2NO + 2NC	

CAM SWITCHES

Rated operating voltage Ue [V]: 690
Rated insulation voltage Ui [V]: 690
Rated impulse withstand voltage Uimp [kV]: 4
Rated thermal current Ith [A]: 20
Rated thermal current in enclosure Ithe [A]: 16
Frequency [Hz]: 50/60

CONTACT BLOCKS

Rated operating voltage Ue [V]: 690
Rated insulation voltage Ui [V]: 690
Rated impulse withstand voltage Uimp [kV]: 4
Rated thermal current Ith [A]: 16
Rated thermal current Ithe [A]: 16
Frequency [Hz]: 50/60
Rated operating current: AC 15 – DC 13



GM756

IP54 Magnets on the bottom by request

DESCRIPTION	SCHEME
Emergency stop EN ISO 13850 Ø 40 push-pull with:	
1 Up push button - 2NO - 1NC	
1 Down push button - 2NO - 1NC	
1 Alarm push button - 1NO	
1 Common push button - 2NO	
1 Cam switch 1-2 90° switching - 2NO + 2NC	
1 Red led light	 AC/DC 24V
1 Knob selector 1-O-2 1NO+1NO	
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	

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

GM756/FR

GM756/US

GM756/SW

GM756/UK

GM756/CH



GM754

IP65 Magnets on the bottom by request

DESCRIPTION	SCHEME
Emergency stop EN ISO 13850 Ø 40 push-pull with:	
1 Up push button - 2NO - 1NC	
1 Down push button - 2NO - 1NC	
1 Alarm push button - 1NO	
1 Common push button - 2NO	
1 Cam switch 1-2 90° switching - 2NO + 2NC	
1 Knob selector 1-O-2 1NO+1NO	
1 Red led light	 AC/DC 24V

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



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

GM412

IP54 

DESCRIPTION

Emergency stop EN ISO 13850
Ø 40 twist to release with:

1 Up push button - 2NO - 1NC 

1 Down push button - 2NO - 1NC 

1 Alarm push button - 1NO 

1 Common push button - 2NO 

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

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 

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

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

GM412/FR

GM412/US

GM412/SW

GM412/UK

GM412/CH



GM822

IP54 

DESCRIPTION

Emergency stop EN ISO 13850
Ø 30 twist to release with:

1 Up push button - 2NO - 1NC 

1 Down push button - 2NO - 1NC 

1 Alarm push button - 1NO 

1 Common push button - 2NO 

1 White LED light 

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

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

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

GM822/FR

GM822/US

GM822/SW

GM822/UK

GM822/CH





GM321

IP54

DESCRIPTION

SCHEME

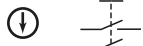
Emergency stop EN ISO 13850
Ø 40 push-pull with:



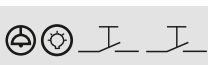
1 Up push button - 2NO



1 Down push button - 2NO



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



1 Blue push button - 1NO



1 Cam switch 1-2
90° switching - 2NO + 4NC



2 Knob selector 1-0-2 1NO+1NO



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



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

GM321/FR

GM321/US

GM321/SW

GM321/UK

GM321/CH



GM520

IP55

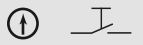
DESCRIPTION

SCHEME

Emergency stop EN ISO 13850
Ø 30 twist to release with:



1 Up push button - 1NO

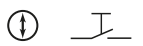


1 Down push button - 1NO

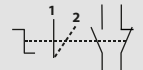


1 Plug

1 Common push button - 1NO



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



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



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

Rated operating current: AC 15 – DC 13

Frequency [Hz]: 50/60

GM520/FR

GM520/US

GM520/SW

GM520/UK

GM520/CH





GMS03

IP54 

DESCRIPTION

Emergency stop
EN ISO 13850

Ø 40 twist to release with:

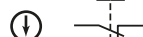
SCHEME



1 Up push button - 1NO - 1NC



1 Down push button - 1NO - 1NC



1 Green push button - 1NO



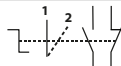
1 Blue push button - 1NO



1 Black push button - 1NO



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



1 Schuko socket outlet 16A



1 USA socket outlet



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

GM004

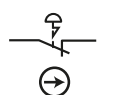
IP65 

DESCRIPTION

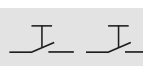
Emergency stop
EN ISO 13850

Ø 40 push-pull with:

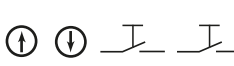
SCHEME



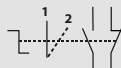
1 multi-function button
Yellow - Green 2NO



1 multi-function button
Up - Down 2NO



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



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

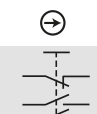
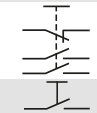
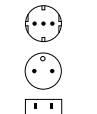
Rated operating current: AC 15 – DC 13



SPECIAL GM Series for SCENIC LIFT

GM412Black

IP54 

DESCRIPTION	SCHEME
Emergency stop EN ISO 13850 Ø 40 push-pull with:	
1 Up push button - 2NO - 1NC 	
1 Down push button - 2NO - 1NC 	
1 Alarm push button - 1NO 	
1 Common push button - 2NO 	
1 Cam switch 1-2 90° switching - 3NO + 3NC 	
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 	

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

GM412Black/FR

GM412Black/US

GM412Black/SW

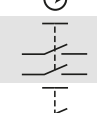
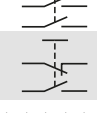
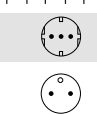
GM412Black/UK

GM412Black/CH



GM660Black

IP54 *Magnets on the bottom by request*

DESCRIPTION	SCHEME
Emergency stop EN ISO 13850 Ø 40 twist to release with:	
1 Up push button - 2NO 	
1 Down push button - 2NO 	
1 Common push button - 2NO 	
1 Cam switch 1-2 90° switching - 3NO + 3NC 	
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 	

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

GM660Black/FR

GM660Black/US

GM660Black/SW

GM660Black/UK

GM660Black/CH

