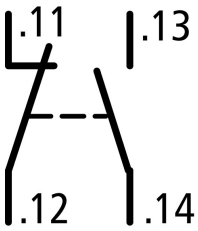
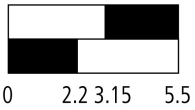
Emergency-Stop, 60mm, MS1, 1NO1NC, red

Part no. C22-PVS60P-MS1-K11
Article no. 121620
Catalog No. C22-PVS60P-MS1-K11

Delivery programme

Description			Lock mechanism MS1
Colour			Red mushroom head (RAL 3000)
Function			Key operation lock mechanism
Contacts			
N/O = Normally open			1 N/O
N/C = Normally closed			1 NC
Notes			= safety function, by positive opening to IEC/EN 60947-5-1
Contact sequence			
Protection type			IP67, IP69K
Illumination			Without illumination
Information about equipment supplied			1 key included as standard
Diameter	⌀	mm	60
Contact travel ■ = Contact closed □ = Contact open			
Contact diagram			

Approvals

Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-10; CAN/CSA-C22.2 No. 94.2-07; UL991Edition 3 -Revision Date 2010/06/09; ANSI/UL508; ANSI/UL508; ANSI/NFPA 79; CE marking
UL File No.	E340518
UL Category Control No.	NISD
CSA File No.	2351467 (LR12528)
CSA Class No.	3211-30
North America Certification	UL listed, CSA certified
Degree of Protection	1,3R,4X,12,13

General

Standards			IEC/EN 60947 VDE 0660
Lifespan, mechanical	Operations	x 10^6	> 0.05
Operating frequency	Operations/h		≤ 300
Actuating force		n	≤ 50
Tightening torque for terminal screw		Nm	0.8
Tightening torque Threaded ring		Nm	2
Protection type			IP67, IP69K
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature		°C	
Open		°C	-25 - +70
Storage	ϑ	°C	-30 - +80
Mounting position			As required
Mechanical shock resistance, shock duration 11 ms		g	30

Terminal capacities		mm^2	
Solid		mm^2	2 x 0.5 - 1.5
Flexible with ferrule		mm^2	2 x 0.5 - 1.5

Contacts

Rated impulse withstand voltage	U_{imp}	V AC	4000
Rated insulation voltage	U_i	V	250
Overvoltage category/pollution degree			III/3
Control circuit reliability			
At 17 V DC/7 mA	H_F	Fault probability	N/O contact: statistically determined 1 failure per 17 × 106 operations N/C contact: statistically determined 1 failure per 0.9 × 10^6 Operations
Max. short-circuit protective device			
Fuse	gG/gL	A	10

Switching capacity

Rated operational current	I_e	A	
AC-15			
24 V	I_e	A	4
110 V	I_e	A	2
220 V 230 V 240 V	I_e	A	1.5
DC-13			
24 V	I_e	A	3
60 V	I_e	A	1
110 V	I_e	A	0.6
220 V	I_e	A	0.3
Lifespan, electrical			
AC-15			
230 V/0.5 A	Operations	x 10^6	0.4
230 V/1.0 A	Operations	x 10^6	0.6

Dimensions