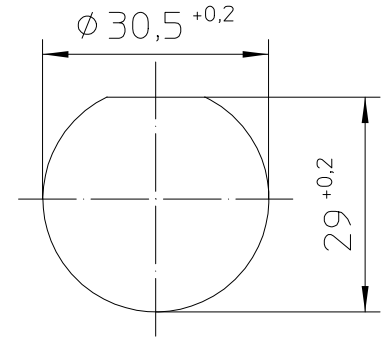
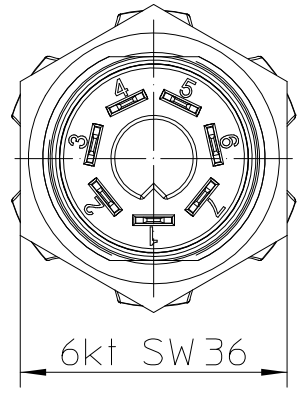
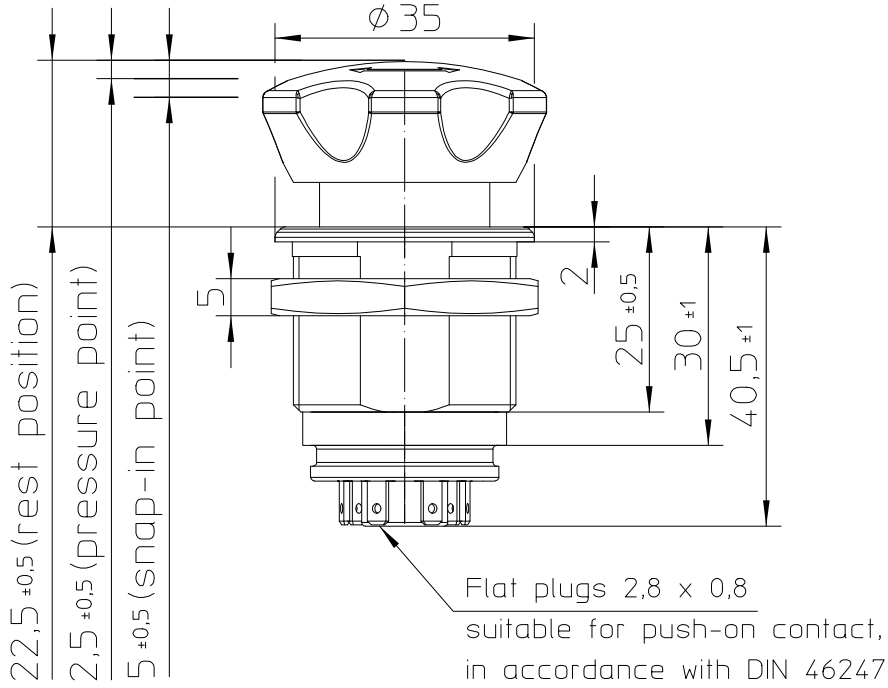
EC No.
22556
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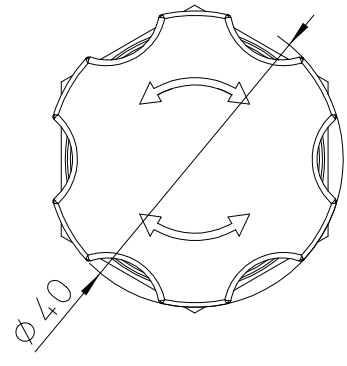
Emergency Switch

Mounting dimensions

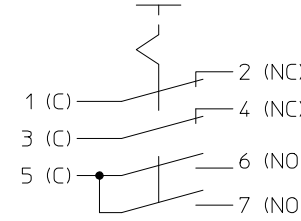








Circuit diagram



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	Date	Name
Create	19.04.2018	Baumg
Edited	08.10.2019	Hamar
Check	09.10.2019	Baumg

mm

Scale 1:1

General Tolerances
DIN ISO 2768 cL

Drawing No:
ES-2012-T212

NSN.:

Technical Data

Construction

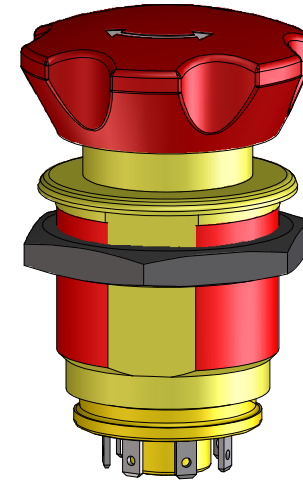
Material socket	PA GF RAL 1003; UL 94 V0
Material button	PA GK RAL 3000; UL 94 HB
Protection interior	IP67 IEC 60529
	IP6K9K IEC 60529
connector (in mated condition)	IP67/ IP6K9K IEC 60529
Shock resistance	ISO 16750-3; 50g/ 6ms half sinus
Vibration resistance	ISO 16750-3; Test VII
Climatic resistance	IEC 60068-2-38
Chemical resistance	ISO 16750-5; Code Z
Temperature range	-40°C to +85°C
Torque M30x1,5 max.	6 Nm
Weight	approx. 45g

Mechanical Data

Locking (turn to reset)	EN 60947-5-5
Positive opening operation (NC)	EN 60947-5-1
Switching sequence	BBM - Break before make
Operating force max.	20-50 N
Torque knob max.	3 Nm
Current carrying party	Cu-Alloy
Contact material	Ag-Alloy
Mechanical life	40 000 cycles

Electrical Data

Voltage range	9VDC to 32VDC
Nominal voltage	12VDC / 24VDC
Dielectric withstanding voltage	1050 VAC for 1 min.
contact resistance	max. 50 mOhm
Insulation resistance	> 100 MOhm at 500 VDC
Continuous current	10mA to 8A
Current max.	10,1 A
Switching capacity min.	12 VDC, 10mA
Electrical life	
at 8 A / 28 VDC ohmic load	10 000 cycles
at 5 A / 28 VDC ohmic load	40 000 cycles
at 2 A / 28 VDC ohmic load	40 000 cycles
Short circuit protection	Automotive fast-acting fuse 10A



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