

P	LTR	DESCRIPTION	DATE	DWN	APVD
A		TE STANDARD UPDATED	31JUL2024	KS	RB

EC No. _____ Page 1 of 2

Emergency Switch

Mounting dimensions
 $\phi 30.5^{+0.2}$
 $29^{+0.2}$

difference between lense and button

Connector Deutsch DT04-6P

illumination red transparent

Circuit Diagram:

```

    graph TD
        1((1 NC)) --- S((Switch))
        2((2 C)) --- S
        3((3 NC)) --- S
        4((4 C)) --- S
        5((5 NO)) --- S
        6((6)) --- S
    
```

Date	Name	mm	Scale
Create 23.05.2019	Nonne		1:1
Ediled 22.11.2019	Walza	General Tolerances DIN ISO 2768 cL	
Check 22.11.2019	Nonne		

Drawing No: ES-2101-T422-020C 912
 NSN: _____

EC No. _____ Page 2 of 2

Emergency Switch

Technical Data

Construction

Material socket _____ PA GF RAL 1003, UL 94 V0
 Material button _____ PA GK RAL 3000, UL 94 HB
 Material lense _____ POM, UL 94 HB
 Illumination colour _____ red transparent
 LED-luminous colour _____ white
 LED-illumiance _____ 1400 mcd
 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 _____ tbd

Mechanical Data

Locking (turn to reset) _____ EN 60947-5-5
 Positive opening operation (NO) _____ EN 60947-5-1
 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
 contact resistance _____ max. 50 mOhm
 Insulation resistance _____ > 100 MOhm at 500 VDC
 Continuous current _____ 10mA to 6A
 Current max. _____ 6.5 A
 Switching capacity min. _____ 12 VDC, 10mA
 Electrical life _____
 at 5 A / 28 VDC ohmic load _____ 25 000 cycles
 at 2 A / 28 VDC ohmic load _____ 40 000 cycles
 Short circuit protection _____ Automotive fast-acting fuse 10A

M 1:3

Date	Name	mm	Scale
Create 23.05.2019	Nonne		1:2
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Check 22.11.2019	Nonne		

Drawing No: ES-2101-T422-020C 912
 NSN: _____

NOTES:
Bemerkungen:

1 TE-CONNECTIVITY ORDER-NUMBER
TE-Connectivity Bestellnummer



1	K1165529	A	EMERGENCY SWITCH Not-Halt Schalter	1
PART/TCPN NO.	REV.		DESCRIPTION	ITEM NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN
mm	DIN ISO 2867 cL	Y.Nonnenmacher 23MAY2019
	0 PLC ±	CHK
	1 PLC ±	H.Walz 22NOV2019
	2 PLC ±	APVD
	3 PLC ±	Y.Nonnenmacher 22NOV2019
	4 PLC ±	PRODUCT SPEC
	ANGLES ±	APPLICATION SPEC
MATERIAL	FINISH	WEIGHT
		CUSTOMER DRAWING

TE TE Connectivity

NAME
EMERGENCY SWITCH
Not-Halt Schalter

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	ES-2101-T422-020C_912	-

SCALE SHEET 1 OF 1 REV A