



- Control stations with quadruple certification (NEC®, CE Code, ATEX, IECEx)
- Several assembly positions for effortless integration with existing wall mountings, which ensure compatibility with a wide range of products
- 316L stainless steel enclosure for excellent resistance to corrosion
- Offers a large number of pushbuttons, illuminated pushbuttons, control switches and LEDs for various configurations
- Customer-specific control stations are available upon request with various cable glands, contact options and additional certifications

## MY R. STAHL 8150P

R. STAHL's device control system in the Universal Mounting Series 8150/5-V40 uses explosion-protected components with enclosures made of 316L stainless steel for ultimate flexibility, safety and durability in hazardous and hostile environments. The integrated mounting plate offers various mounting options for simple installation.


	NEC® 500 CE Code Appendix J					
	Class I		Class II		Class III	
Division	1	2	1	2	1	2
Ex interface						
Installation in		•		•		•

	CE Code Section 18					
	NEC® 505			NEC® 506		
	Class I					
Zone	0	1	2	20	21	22
Ex interface						
Installation in		•				

	IECEx / ATEX					
	0	1	2	20	21	22
Zone	0	1	2	20	21	22
Ex interface						
Installation in		•	•		•	•

Selection Table									
Product variant									
2-pole control switch with switch insert 8008									
Figure	Installation position top	Built-in element top	Installation position middle	Built-in element middle	Installation position bottom	Built-in element bottom	Product Type	Art. No.	Weight lb
	-	-	Large handle, 0/OFF-I/ON (1x 90°), With silicone seal	Control switch 002	-	-	8150/5-V40-12E0X-31102SF01	301293	5.28 lb
			Large handle, HAND-0-AUTO (2x 45°), With silicone seal	Control switch 027	-	-	8150/5-V40-12E0X-31106SF12	301294	5.3 lb
Mushroom stay-put button									
Figure	Installation position top	Built-in element top	Installation position middle	Built-in element middle	Installation position bottom	Built-in element bottom	Product Type	Art. No.	Weight lb
	-	-	EM-STOP mushroom stay-put button 55, Red - (rotating arrow), With silicone seal	Contact element NC/NC	-	-	8150/5-V40-12E0X-15L07SA03	301292	5.13 lb
Start-Stop Pushbutton									
Figure	Installation position top	Built-in element top	Installation position middle	Built-in element middle	Installation position bottom	Built-in element bottom	Product Type	Art. No.	Weight lb
	Pushbutton, Green - "START", With silicone seal	Contact element NC/NO	-	-	Pushbutton, Red - "STOP", With silicone seal	Contact element NC/NO	8150/5-V40-12E0X-01L12SA05-01L09SA05	301295	5.05 lb

## Selection Table

Product variant Start-Stop Pushbutton									
Figure	Installation position top	Built-in element top	Installation position middle	Built-in element middle	Installation position bottom	Built-in element bottom	Product Type	Art. No.	Weight lb
	Pushbutton, Green – "START", With silicone seal	Contact element NC/NO	–	–	Pushbutton, actuation lockable, Red - "STOP", With silicone seal	Contact element NC/NO	<b>8150/5-V40-12E0Z-01L12SA05-01L</b>	301296	5.26 lb

## Technical Data

### Explosion Protection

Area of application	European Union (ATEX) Canada IECEX USA
Certificate ULus	E182378V1S5
Marking ULus	Class I, Div. 2, Groups A,B,C,D Class II, III, Div. 2, Groups F,G Class I, Zone 1, AEx db eb IIC T6 Enclosure Type 3, 4, 4X
Certificate cUL	E182378V1S5
Marking cUL	Ex db eb IIC T6 Class I, Div. 2, Groups A,B,C,D Class II, III, Div. 2, Groups F,G Enclosure Type 3, 4, 4X
IECEX gas explosion protection	Ex db eb IIC T6 Gb
IECEX dust explosion protection	Ex tb IIIC T80 °C Db
ATEX gas explosion protection	⊕ II 2 G Ex db eb IIC T6 Gb
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T80 °C Db
Certificates	ATEX (PTB), Canada (UL), IECEX (PTB), India (PESO), USA (UL)
Notes	Product label may vary. Series devices are labelled with ATEX, IECEX, NEC® and CE Code.

### Electrical Data

Rated operational current	6 A
Rated operational voltage AC	IEC: 550 V NEC®, CE Code: 600 V
Rated operational power max. NEC<sup>®</sup>/<sup></sup>, CE Code	720 VA
Notes	Depending on the installed components.

### Ambient Conditions

Ambient temperature °F	-58 °F ... +140 °F
Ambient temperature °C	-50 °C ... +60 °C

### Mechanical Data

Enclosure type (UL50 & UL50E)	3, 4, 4X
Degree of protection (IP)	IP66
Enclosure material	Stainless steel 1.4404, (AISI 316L), brush finished
Silicone-free	No
Connection cross-section max.	2.5 mm <sup>2</sup>
Cover fixing type	With captive screws, M6 stainless steel screws
Seal	Silicone, foamed

### Components

Cable glands and entries	NPT 3/4
Entry type	CMP adaptor
Entry 1	1 x CMP-737D M25-NPT 3/4" 737DM3T25
Entry 1 type	Metal adaptor
Entry 1	NPT 3/4"

Technical Data

Components

Metal entry possible for entry 1 Yes

F

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

