



- 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							CE Code Section 18 NEC® 505 NEC® 506							IECEx / ATEX					
	Class I	Class II	Class III	Class I	20	21	22	0	1	2	20	21	22		0	1	2	20	21	22
Division	1	2	1	2	1	2		0	1	2	20	21	22	Zone	0	1	2	20	21	22
Ex interface														Ex interface						
Installation in	•		•		•			•						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-36I02SF01	301293	5.28 lb
		-	Large handle, HAND-0-AUTO (2x 45°), With silicone seal	Control switch 027	-	-	8150/5-V40-12E0X-36I06SF12	301294	5.3 lb
Product variant									
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
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, 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	8150/5-V40-12E0Z-01L12SA05-01L	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	Ex II 2 G Ex db eb IIC T6 Gb
ATEX dust explosion protection	Ex 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 [®] , CE Code	720 VA
Notes	Depending on the installed components.
Ambient Conditions	
Ambient temperature °F	-58 °F ... +140 °F
Ambient temperature	-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 ²
Cover fixing type	With captive screws, M6 stainless steel screws
Seal	Silicone, foamed
Components	
Flange and plates	Without flange
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

Technical Data

Components

Entry 1 NPT 3/4"

Metal entry possible for entry 1 Yes

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

