



- Can be used with conventional drives or with variable-frequency drives
- Intelligent design: A single rotary actuator for actuating the main and auxiliary contacts,  $\geq 20$  ms leading auxiliary contact for safe disconnection
- Designed in accordance with IEC/EN 62626-1, class 1
- The rotary actuator can be locked in the 0-position with three padlocks

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## MY R. STAHL 8150F



R. STAHL Series 8150/5-V37 safety switches safely disconnect machines and system parts from the energy supply for cleaning and repair as prescribed. All of the installed load disconnect switches have AC-3 switching capacity. The switches can be locked in the 0-position using padlocks.

	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table							
Rated operational current		16 A					
Rated operational voltage AC		690 V					
Detailed number of poles	Handle colour	Auxiliary contact NC	Auxiliary contact NO	Cable gland	Product Type	Art. No.	Weight
3-pole	Black shroud and handle	without	1 NO/delayed	2 x M25 Ø 7 ... 17 mm 1 x M20 Ø 4 ... 13 mm	8150/5-V37-302-50-0010	214171	3.25 kg
	Yellow shroud, red handle	without	1 NO/delayed	2 x M25 Ø 7 ... 17 mm 1 x M20 Ø 4 ... 13 mm	8150/5-V37-302-50-1010	222688	3.25 kg
Rated operational current		25 A					
Rated operational voltage AC		690 V					
Detailed number of poles	Handle colour	Auxiliary contact NC	Auxiliary contact NO	Cable gland	Product Type	Art. No.	Weight
3-pole	Black shroud and handle	without	1 NO/delayed	2 x M32 Ø 9 ... 21 mm 1 x M20 Ø 4 ... 13 mm	8150/5-V37-304-50-0010	214172	3.3 kg
	Yellow shroud, red handle	without	1 NO/delayed	2 x M32 Ø 9 ... 21 mm 1 x M20 Ø 4 ... 13 mm	8150/5-V37-304-50-1010	222691	3.3 kg
Rated operational current		40 A					
Rated operational voltage AC		690 V					
Detailed number of poles	Handle colour	Auxiliary contact NC	Auxiliary contact NO	Cable gland	Product Type	Art. No.	Weight
3-pole	Black shroud and handle	1 NC	1 NO/delayed	2 x M40 Ø 12 ... 28 mm 1 x M20 Ø 4 ... 13 mm	8150/5-V37-305-51-0010-K	214173	8.36 kg
	Yellow shroud, red handle	1 NC	1 NO/delayed	2 x M40 Ø 12 ... 28 mm 1 x M20 Ø 4 ... 13 mm	8150/5-V37-305-51-1010-K	222692	8.36 kg

**Selection Table**

Rated operational current		63 A					
Rated operational voltage AC		690 V / 500 V					
Detailed number of poles	Handle colour	Auxiliary contact NC	Auxiliary contact NO	Cable gland	Product Type	Art. No.	Weight
3-pole	Black shroud and handle	1 NC	1 NO/delayed	2 x M50 Ø 16 ... 35 mm 1 x M20 Ø 4 ... 13 mm	8150/5-V37-306-51-0010-K	214174	12.6 kg
	Yellow shroud, red handle	1 NC	1 NO/delayed	2 x M50 Ø 16 ... 35 mm 1 x M20 Ø 4 ... 13 mm	8150/5-V37-306-51-1010-K	222693	12.6 kg
Rated operational current		125 A					
Rated operational voltage AC		690 V / 500 V					
Detailed number of poles	Handle colour	Auxiliary contact NC	Auxiliary contact NO	Cable gland	Product Type	Art. No.	Weight
3-pole	Black shroud and handle	1 NC	1 NO/delayed	2 x M63 Ø 28 ... 48 mm 1 x M20 Ø 4 ... 13 mm	8150/5-V37-308-51-0010-K	201468	25.6 kg
	Yellow shroud, red handle	1 NC	1 NO/delayed	2 x M63 Ø 28 ... 48 mm 1 x M20 Ø 4 ... 13 mm	8150/5-V37-308-51-1010-K	222694	25.6 kg

8150/5-V37-...-...-K: Versions with smaller design size; see dimensional drawings

In this context, particular attention must be paid to bending radii, temperature classes and permissible ambient temperatures

**Technical Data**
**Explosion Protection**

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), China (NEPSI), IECEX (PTB), India (PESO)
Declaration of Conformity	ATEX (EUK), China (CCC)

**Electrical Data**

Notes NO auxiliary contact (1 x ON delayed – OFF leading)

**Ambient Conditions**

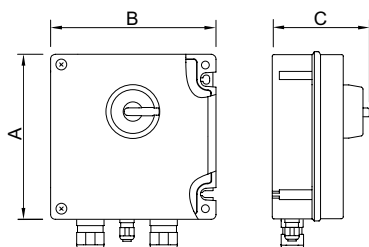
Notes You can find information about the ambient temperature online at [r-stahl.com](http://r-stahl.com). MY R. STAHL 8150F

**Mechanical Data**

Degree of protection (IP)	IP66
Enclosure material	Stainless steel 1.4404, (AISI 316L), brush finished
Seal	Silicone, foamed
Lockable in	Three times in 0 position

**Components**

Entry type Standard 8161, moulded material

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


# Stainless steel safety switches

Series 8150/5-V37



Version	Rated operational current	Product Type	Dimension A [mm]	Dimension B [mm]	Dimension C [mm]
3-pole	16 A	8150/5-V37-302-50-....	176.5	176.5	132
	25 A	8150/5-V37-304-50-....	176.5	176.5	132
	40 A	8150/5-V37-305-51-....-K	360	176.5	194
	63 A	8150/5-V37-306-51-....-K	360	360	196
	125 A	8150/5-V37-308-51-....-K	727	360	203

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