

# Load & Motor Disconnect Switches



## Manual transfer switch

0 A, non-fused

7150/5-V11-H09-00-0500-0 Art. No. 286714



- 3-pole horsepower (hp) rated switch
- Suitable for voltages up to 600 V AC / 240 V DC - restrictions may apply
- Pad lockable robust rotary handle
- Lightweight construction
- Stainless steel 1.4404, (AISI 316L), brush finished
- Suitable for low ambient temperatures
- Enclosure type 3, 4, 4X, IP66
- No conduit seals required
- Class I, Div. 2 / AEx Zone 2

MY R. STAHL 7150A



Our switches are specifically engineered for hazardous locations and harsh environments with a corrosion resistant enclosure and wide temperature range. Ideal for close proximity installation of field equipment such as control panels, motors, skids or machinery. Whether the requirement is for disconnect switches to completely de-energize for service or maintenance tasks, or transfer switches to ensure continuous power supply to essential equipment, our solutions offer unmatched reliability. With our standard solutions, entries are not pre-installed, providing users with the flexibility to customized their own entries based on size, location and type. Built to withstand demanding conditions while ensuring safety and ease of use in various applications.

## Technical Data

### Explosion Protection

Area of application	Canada USA
FMus certificate	FM17US0039X
cFM certificate	FM17CA0023X
Marking FMus	Class I, Div. 2, Groups A,B,C,D; T4; Enclosure Type 3, 4, 4X
Marking cFM	Class I, Div. 2, Groups A,B,C,D; T4; Enclosure Type 3, 4, 4X
Marking cFM note	Zone 2 IIC per Canadian Electrical Code Table 18
Certificates	Canada (FM), USA (FM)
Declaration of conformity	ATEX (EUK)

### Electrical Data

Rated operational voltage AC	480 V
Rated operational voltage DC 1-pole	60 V
Rated operational voltage DC 2-pole	125 V
Rated operational voltage DC 3-pole	240 V
Rated operational current	150 A
Frequency range	50 – 60 Hz
Horsepower rating	100 hp
Horsepower rating note	Horsepower rating (hp) in relation to rated operating voltage 480 V AC
Auxiliary contact NC	without
Auxiliary contact NO	without
Short circuit protection (sym RMS)	25 kA
Additional short-circuit protection	Additional fuse necessary

# Load & Motor Disconnect Switches



Manual transfer switch

0 A, non-fused

7150/5-V11-H09-00-0500-0 Art. No. 286714

## Electrical Data

Short-circuit protection note	Required back-up fuse in the electrical circuit
-------------------------------	-------------------------------------------------

## Auxiliary Power

Nominal voltage $V_{nom}$	480 V AC
---------------------------	----------

## Ambient Conditions

Ambient temperature °C	-40°C ... +55°C
------------------------	-----------------

Ambient temperature °F	-40°F ... +131°F
------------------------	------------------

## Mechanical Data

Degree of protection (IP)	IP66
---------------------------	------

Enclosure type (UL50 & UL50E)	3, 4, 4X
-------------------------------	----------

Enclosure material	Stainless steel 1.4404, (AISI 316L), brush finished
--------------------	-----------------------------------------------------

Additional terminal	Main contact on terminals
---------------------	---------------------------

Connection cross section, stranded min.	10 AWG
-----------------------------------------	--------

Connection cross section, stranded max.	300 kcmil
-----------------------------------------	-----------

Construction type	Standard
-------------------	----------

Width	480 mm
-------	--------

Width, inches	18.9 in
---------------	---------

Height	787 mm
--------	--------

Height in inches	30.98 in
------------------	----------

Depth	283 mm
-------	--------

Depth in inches	11.14 in
-----------------	----------

Service life, min.	10 <sup>5</sup> operating cycles
--------------------	----------------------------------

Handle color	Black
--------------	-------

Protective collar color	Black
-------------------------	-------

Seal	Silicone, foamed
------	------------------

Lockable in	OFF – 3 positions
-------------	-------------------

Detailed number of poles	3-pole
--------------------------	--------

Weight	34 kg
--------	-------

## Components

Entries	without
---------	---------

# Load & Motor Disconnect Switches

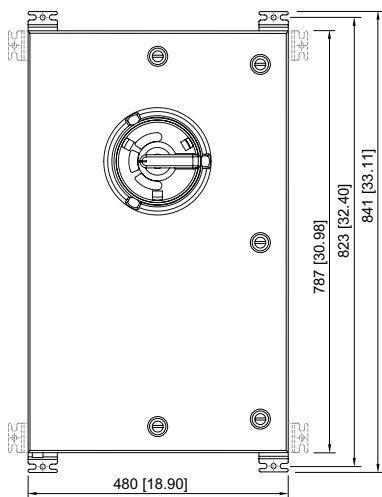
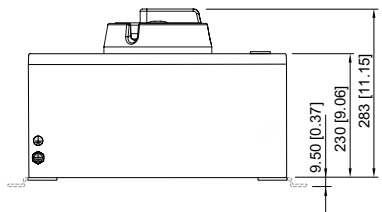


Manual transfer switch

0 A, non-fused

7150/5-V11-H09-00-0500-0 Art. No. 286714

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



- 7150/5-V11-H08-00-0500-0
- 7150/5-V11-H09-00-0500-0
- 7150/5-V11-H32-00-0500-0
- 8150/5-V11-H08-00-0500-0
- 8150/5-V11-H09-00-0500-0
- 8150/5-V11-H32-00-0500-0

# Load & Motor Disconnect Switches



Manual transfer switch

0 A, non-fused

7150/5-V11-H09-00-0500-0 Art. No. 286714

## Accessories

### Ex e cable glands for MC, MC-HL, combined and "TECK" armouring Series TMC

	Art. No.
 <p>Thread size: NPT1/2 Clamping range: 8.7 ... 12.7 mm Clamping range inch: 0.34 ... 0.5 in Nickel-plated brass</p>	254316
<p>Thread size: NPT1/2 Clamping range: 13 ... 17 mm Clamping range inch: 0.51 ... 0.67 in Nickel-plated brass</p>	254317
<p>Thread size: NPT3/4 Clamping range: 15 ... 23.3 mm Clamping range inch: 0.59 ... 0.92 in Nickel-plated brass</p>	106090
<p>Thread size: NPT1 Clamping range: 19.8 ... 29.2 mm Clamping range inch: 0.78 ... 1.15 in Nickel-plated brass</p>	106091
<p>Thread size: NPT1-1/4 Clamping range: 27.5 ... 35.2 mm Clamping range inch: 1.08 ... 1.39 in Nickel-plated brass</p>	254320
<p>Thread size: NPT1-1/2 Clamping range: 33.5 ... 41.1 mm Clamping range inch: 1.32 ... 1.62 in Nickel-plated brass</p>	254321
<p>Thread size: NPT2 Clamping range: 45 ... 53 mm Clamping range inch: 1.77 ... 2.09 in Nickel-plated brass</p>	254323
<p>Thread size: NPT2-1/2 Clamping range: 52.1 ... 58.9 mm Clamping range inch: 2.05 ... 2.32 in Nickel-plated brass</p>	254324
<p>Thread size: NPT2-1/2 Clamping range: 57.1 ... 64.6 mm Clamping range inch: 2.25 ... 2.54 in Nickel-plated brass</p>	254325
<p>Thread size: NPT3 Clamping range: 64.6 ... 75.3 mm Clamping range inch: 2.54 ... 2.96 in Nickel-plated brass</p>	254326
<p>Thread size: NPT3-1/2 Clamping range: 74 ... 88.5 mm Clamping range inch: 2.91 ... 3.48 in Nickel-plated brass</p>	254327

### Auxiliary contact

	Art. No.
 <p>Note: The auxiliary contacts can only be retrofitted for 40 A, 63 A and 80 A versions. For all other versions, the auxiliary contact must be ordered separately when placing the order. Ret-rofitting is not possible for this.</p>	

# Load & Motor Disconnect Switches



Manual transfer switch

0 A, non-fused

7150/5-V11-H09-00-0500-0 Art. No. 286714

---

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.