

# Load & Motor Manual Transfer Switches

FOR HARSH & HAZARDOUS LOCATIONS



DISTRIBUTION



## Features:

### All Models

- 15 A – 150 A Models
- No conduit seals required for Class I, Division 2 areas
- Lightweight construction compared to cast metal enclosures
- Available in Fused and Non-Fused versions
- 3-pole horsepower rated switch
- Increased safety terminals and integrated ground bar
- Pad lockable robust rotary handle
- Lockout/Tagout compliant
- Multiple entry methods available

### Stainless Steel Manual Transfers

- Enclosure made of 316L stainless steel construction for maximum corrosion resistance
- Fused and Non-Fused version supplied with hinged cover and ¼ turn latch
- Enclosure NEMA 3, 4, 4X, IP66

### FRP Manual Transfers

- Enclosure made of Fiberglass Reinforced Polyester (FRP) with recessed gasket and captive stainless steel cover screws
- Fused and Non-Fused versions supplied with screw cover
- Enclosure NEMA 3, 4, 4X, IP66

# Non-Fused Manual Transfer Switch 316L Stainless Steel Enclosure

NORTH AMERICAN AMPERAGE CONFIGURATIONS

NORTH AMERICAN CERTIFIED



## CLASSIFICATIONS

7150/5- Non-Fused Manual Transfers

NEC®

Class I, Division 2, Groups A,B,C,D ^

Enclosure Type 3, 4, 4X, IP66

FM17US0039X

Canadian Electrical Code

Zone 2 IIC ^

Class I, Division 2, Groups A,B,C,D ^

Enclosure Type 3, 4, 4X, IP66

FM17CA0023X

^ Ambient Temperature

-40°C ... +55°C

-40°F ... +131°F

Based on Temperature Class, T4



- 3-pole
- Non-fused, prewired
- 316L stainless steel hinged cover enclosure with 1/4 turn latch
- Enclosure without entries
- Dimensions on page I20

## Ordering Information

NEC® / CE Code - Class I, Division 2			Rated Voltage		**Horse Power Rating	*Required Max. Back-Up Fuse	Max. Wire Size	^ Hazardous Location Temperature Class	*Max. Amb. Temp.
Catalog Number	SAP / Art. No.	Current Rating (AMPS)	V AC	V DC	480 V AC	J-type			
7150/5-V11-H01-00-0500-0	286691	15	600	125	10	20 A	8 AWG	T5	55°C
7150/5-V11-H06-00-0500-0	286699	60	600	240	40	150 A	1/0 AWG	T5	55°C
								T6	40°C
7150/5-V11-H07-00-0500-0	286703	80	480	240	60	150 A	1/0 AWG	T5	55°C
7150/5-V11-H32-00-0500-0	286707	100	600	240	75	200 A	300 kcmil	T4	55°C
7150/5-V11-H08-00-0500-0	286711	125	600	240	100	200 A	300 kcmil	T4	55°C
7150/5-V11-H09-00-0500-0	286714	150	480	240	100	200 A	300 kcmil	T4	55°C

\*Required back-up fuse upstream in the circuit.

Manual Transfer Switch assemblies third party certified as noted in the certification data above. Components included in the assemblies are third party certified to the relevant American National Standard Institute (ANSI) standards.

Note: The rated voltage DC shown is the value for 3-pole in series. For 1-pole and 2-pole rated voltage DC values, see IOM.

\*\*Horsepower Ratings (hp) shown above are at 480 V AC for other voltages or Kilowatt ratings please see page I25.



Enclosure without entries

For Field Entry HUB and Cable Gland, please see page I26.

For installation, please contact factory.

# Fused Manual Transfer Switch 316L Stainless Steel Enclosure

NORTH AMERICAN AMPERAGE CONFIGURATIONS  
NORTH AMERICAN CERTIFIED



- 3-pole
- Fused, prewired
- 316L stainless steel hinged cover enclosure with 1/4 turn latch
- Enclosure without entries
- Dimensions on page I20

DISTRIBUTION



## CLASSIFICATIONS

7150/5- Fused Manual Transfers

NEC®

Class I, Division 2, Groups A,B,C,D <sup>^</sup>  
Enclosure Type 3, 4, 4X, IP66

 FM17US0039X

Canadian Electrical Code

Zone 2 IIC <sup>^</sup>

Class I, Division 2, Groups A,B,C,D <sup>^</sup>  
Enclosure Type 3, 4, 4X, IP66

 FM17CA0023X

<sup>~</sup>Ambient Temperature

-40°C ... +55°C

-40°F ... +131°F

Based on Temperature Class, T4

## Ordering Information

NEC®/ CE Code - Class I, Division 2			Rated Voltage		**Horse Power Rating	Included Back-Up Fuse	Max. Wire Size	<sup>^</sup> Hazardous Location Temperature Class	<sup>~</sup> Max. Amb. Temp.
Catalog Number	SAP / Art. No.	Current Rating (AMPS)	V AC	V DC	480 V AC	J Type			
			7150/5-V11-H01-AA-0500-0	286692	15	600			
7150/5-V11-H06-AA-0500-0	286700	60	600	240	40	80 A	1/0 AWG	T4	55°C
7150/5-V11-H07-AA-0500-0	286704	80	480	240	60	100 A	1/0 AWG	T4	55°C
7150/5-V11-H32-AA-0500-0	286708	100	600	240	75	150 A	300 kcmil	T4	55°C
7150/5-V11-H08-AA-0500-0	286712	125	600	240	100	150 A	300 kcmil	T4	55°C

Manual Transfer Switch assemblies third party certified as noted in the certification data above. Components included in the assemblies are third party certified to the relevant American National Standard Institute (ANSI) standards.

Note: The rated voltage DC shown is the value for 3-pole in series. For 1-pole and 2-pole rated voltage DC values, see I0M.

\*\*Horsepower Ratings (HP) shown above are at 480 VAC for other voltages or Kilowatt ratings please see page I25.



Enclosure without entries

For Field Entry HUB and Cable Gland, please see page I26.

For installation, please contact factory.

# Non-Fused Manual Transfer Switch 316L Stainless Steel Enclosure

GLOBAL AMPERAGE CONFIGURATIONS

GLOBALLY CERTIFIED



## CLASSIFICATIONS

### 8150/5- Non-Fused Manual Transfers

#### NEC®

Class I, Zone 1 AEx db eb IIC <sup>^</sup> Gb  
 Class I, Division 2, Groups A,B,C,D  
 Class II, Division 1, Groups E,F,G  
 Enclosure Type 3, 4, 4X, IP66

FM17US0039X

#### Canadian Electrical Code

Ex db eb IIC <sup>^</sup> Gb  
 Class I, Division 2, Groups A,B,C,D  
 Class II, Division 1, Groups E,F,G  
 Enclosure Type 3, 4, 4X, IP66

FM17CA0023X

#### ATEX

II 2G Ex db eb IIC <sup>^</sup> Gb  
 II 2D Ex tb IIIC <sup>^</sup> Db IP66

PTB 09 ATEX 1109

#### IECEX

Ex db eb IIC <sup>^</sup> Gb  
 Ex tb IIIC <sup>^</sup> Db IP66

IECEX PTB 09.0049

<sup>v</sup>Ambient Temperature

-40°C ... +55°C

-40°F ... +131°F

Based on Temperature Class, T4



- 3-pole
- Non-fused, prewired
- 316L stainless steel hinged cover enclosure with 1/4 turn latch
- Enclosure without entries
- Dimensions on page I20

## Ordering Information

NEC® - Class I, Zone 1; CE Code / IEC / ATEX - Zone 1			Rated Voltage		**Horse Power Rating	*Required Max. Back-Up Fuse	Max. Wire Size	<sup>^</sup> Hazardous Location Temperature Class	<sup>v</sup> Max. Amb. Temp.
Catalog Number	SAP / Art. No.	Current Rating (AMPS)	V AC	V DC	480 V AC	J Type			
			8150/5-V11-H01-00-0500-0	286716	15	600			
8150/5-V11-H06-00-0500-0	286721	60 / 63	600	240	40	150 A	1/0 AWG	T5	55°C
								T6	40°C
8150/5-V11-H07-00-0500-0	286723	80	480	240	60	150 A	1/0 AWG	T6	40°C
8150/5-V11-H32-00-0500-0	286725	100	600	240	75	200 A	300 kcmil	T4	55°C
8150/5-V11-H08-00-0500-0	286727	125	600	240	100	200 A	300 kcmil	T5	40°C
8150/5-V11-H09-00-0500-0	286729	150	480	240	100	200 A	300 kcmil	T5	40°C

\*Required back-up fuse upstream in the circuit.

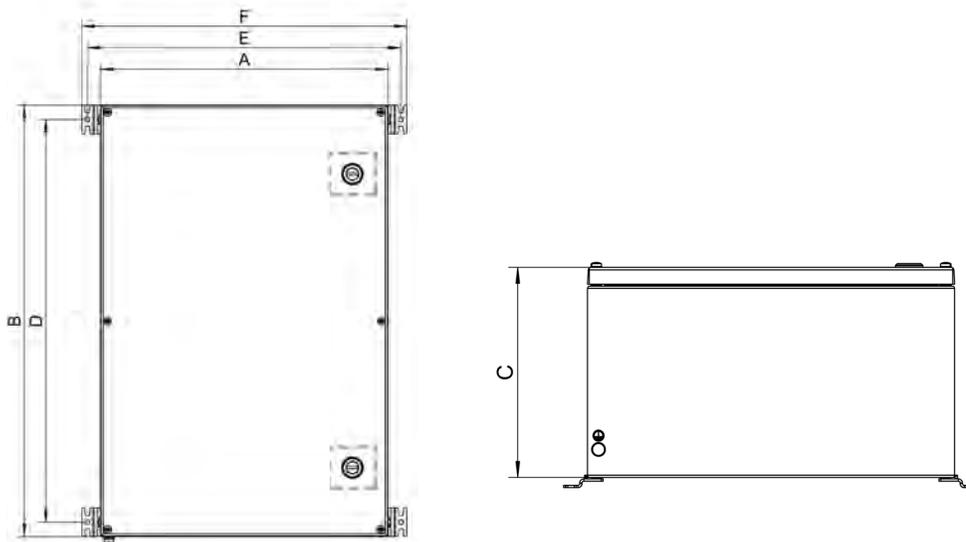
Manual Transfer Switch assemblies third party certified as noted in the certification data above. Components included in the assemblies are third party certified to the relevant American National Standard Institute (ANSI) standards. Note: The rated voltage DC shown is the value for 3-pole in series.

For 1-pole and 2-pole rated voltage DC values, see IOM.

\*\*Horsepower Ratings (HP) shown above are at 480 VAC for other voltages or Kilowatt ratings please see page I25.

Product without entries, please see page I26 for Field Entry HUB and cable gland. For installation, please contact factory.

## STAINLESS STEEL SERIES MANUAL TRANSFER SWITCHES FUSED / NON-FUSED



### Dimensions in inches (mm) - Subject to Alterations

Catalog Number	SAP / Art. No.	A	B	C	D	E	F
<b>Non-Fused Manual Transfer Switch</b>							
7150/5-V11-H01-00-0500-0	286691	7.87 (200)	11.81 (300)	5.90 (150)	10.24 (260)	9.29 (236)	9.92 (252)
7150/5-V11-H06-00-0500-0	286699	23.62 (600)	23.62 (600)	5.90 (150)	22.05 (560)	25.39 (636)	25.67 (652)
7150/5-V11-H07-00-0500-0	286703	23.62 (600)	23.62 (600)	5.90 (150)	22.05 (560)	25.39 (636)	25.67 (652)
7150/5-V11-H32-00-0500-0	286707	18.90 (480)	30.98 (787)	9.06 (230)	29.41 (747)	20.32 (516)	20.94 (532)
7150/5-V11-H08-00-0500-0	286711	18.90 (480)	30.98 (787)	9.06 (230)	29.41 (747)	20.32 (516)	20.94 (532)
7150/5-V11-H09-00-0500-0	286714	18.90 (480)	30.98 (787)	9.06 (230)	29.41 (747)	20.32 (516)	20.94 (532)
<b>Fused Manual Transfer Switch</b>							
7150/5-V11-H01-AA-0500-0	286692	11.81 (300)	15.75 (400)	5.90 (150)	14.17 (360)	13.23 (336)	13.86 (352)
7150/5-V11-H06-AA-0500-0	286700	23.62 (600)	23.62 (600)	5.90 (150)	22.05 (560)	25.39 (636)	25.67 (652)
7150/5-V11-H07-AA-0500-0	286704	23.62 (600)	23.62 (600)	5.90 (150)	22.05 (560)	25.39 (636)	25.67 (652)
7150/5-V11-H32-AA-0500-0	286708	28.74 (730)	35.43 (900)	7.48 (190)	33.86 (860)	30.16 (766)	30.79 (782)
7150/5-V11-H08-AA-0500-0	286712	28.74 (730)	35.43 (900)	7.48 (190)	33.86 (860)	30.16 (766)	30.79 (782)
<b>Non-Fused Manual Transfer Switch</b>							
8150/5-V11-H01-00-0500-0	286716	7.87 (200)	11.81 (300)	5.90 (150)	10.24 (260)	9.29 (236)	9.92 (252)
8150/5-V11-H06-00-0500-0	286721	23.62 (600)	23.62 (600)	5.90 (150)	22.05 (560)	25.39 (636)	25.67 (652)
8150/5-V11-H07-00-0500-0	286723	23.62 (600)	23.62 (600)	5.90 (150)	22.05 (560)	25.39 (636)	25.67 (652)
8150/5-V11-H32-00-0500-0	286725	18.90 (480)	30.98 (787)	9.06 (230)	29.41 (747)	20.32 (516)	20.94 (532)
8150/5-V11-D08-00-0500-0	286727	18.90 (480)	30.98 (787)	9.06 (230)	29.41 (747)	20.32 (516)	20.94 (532)
8150/5-V11-D09-00-0500-0	286729	18.90 (480)	30.98 (787)	9.06 (230)	29.41 (747)	20.32 (516)	20.94 (532)

Please note the fused disconnects are hinged and provided with a slotted 1/4 turn cam lock. The switch only models are screw cover enclosure. For the alternative please consult factory.



**CLASSIFICATIONS**

**7146/5- Non-Fused Manual Transfers**

**NEC®**

Class I, Division 2, Groups A,B,C,D <sup>^</sup>

Enclosure Type 3, 4, 4X, IP66

FM18US0275X

**Canadian Electrical Code**

Zone 2 IIC <sup>^</sup>

Class I, Division 2, Groups A,B,C,D <sup>^</sup>

Enclosure Type 3, 4, 4X, IP66

FM18CA0132X

<sup>~</sup>Ambient Temperature

-40°C ... +55°C

-40°F ... +131°F

Based on Temperature Class, T4

# Non-Fused Manual Transfer Switch Fiberglass Reinforced Polyester Enclosure

NORTH AMERICAN AMPERAGE CONFIGURATIONS

NORTH AMERICAN CERTIFIED



- 3 Pole
- Non-fused, prewired
- FRP screw cover enclosure
- Enclosure without entries
- Dimensions on page I24

## Ordering Information

NEC® / CEC - Class I, Division 2			Rated Voltage		Horse Power Rating**	*Required Max. Back-Up Fuse	Max. Wire Size	^Hazardous Location Temperature Class	~Max. Amb. Temp.
Catalog Number	SAP / Art. No.	Current Rating (AMPS)	V AC	V DC					
7146/5-V11-H01-00-0500-0	286732	15	600	125	10	20 A	8 AWG	T6	40°C
7146/5-V11-H06-00-0500-0	286740	60	600	240	40	150 A	1/0 AWG	T5	55°C
7146/5-V11-H07-00-0500-0	286744	80	480	240	60	150 A	1/0 AWG	T5	55°C
7146/5-V11-H32-00-0500-0	286748	100	600	240	75	200 A	300 kcmil	T4	55°C
7146/5-V11-H08-00-0500-0	286752	125	600	240	100	200 A	300 kcmil	T5	55°C
7146/5-V11-H09-00-0500-0	286755	150	480	240	100	200 A	300 kcmil	T4	55°C

\*Required back-up fuse upstream in the circuit.

Manual Transfer Switch assemblies third party certified as noted in the certification data above. Components included in the assemblies are third party certified to the relevant American National Standard Institute (ANSI) standards. Note: The rated voltage DC shown is the value for 3-pole in series.

For 1-pole and 2-pole rated voltage DC values, see IOM.

\*\*Horsepower Ratings (HP) shown above are at 480 VAC for other voltages or Kilowatt ratings please see page I25.



Enclosure without entries  
For Field Entry HUB and Cable Gland, please see page I26.  
For installation, please contact factory.

# Fused Manual Transfer Switch Fiberglass Reinforced Polyester Enclosure

NORTH AMERICAN AMPERAGE CONFIGURATIONS  
NORTH AMERICAN CERTIFIED



- 3 Pole
- Fused, prewired
- FRP screw cover enclosure
- Enclosure without entries
- Dimensions on page I24

DISTRIBUTION



## CLASSIFICATIONS

### 7150/5- Fused Manual Transfers

NEC®

Class I, Division 2, Groups A,B,C,D <sup>^</sup>  
Enclosure Type 3, 4, 4X, IP66

 FM17US0039X

### Canadian Electrical Code

Zone 2 IIC <sup>^</sup>

Class I, Division 2, Groups A,B,C,D <sup>^</sup>  
Enclosure Type 3, 4, 4X, IP66

 FM17CA0023X

<sup>v</sup>Ambient Temperature

-40°C ... +55°C

-40°F ... +131°F

Based on Temperature Class, T4

## Ordering Information

NEC®/ CEC - Class I, Division 2			Rated Voltage		**Horse Power Rating	Included Back-Up Fuse	Max. Wire Size	<sup>^</sup> Hazardous Location Temperature Class	<sup>v</sup> Max. Amb. Temp.
Catalog Number	SAP / Art. No.	Current Rating (AMPS)	V AC	V DC	480 V AC	J Type			
			7146/5-V11-H01-AA-0500-0	286733	15	600			
7146/5-V11-H06-AA-0500-0	286741	60	600	240	40	80 A	1/0 AWG	T4	55°C
7146/5-V11-H07-AA-0500-0	286745	80	480	240	60	100 A	1/0 AWG	T4	55°C
7146/5-V11-H32-AA-0500-0	286749	100	600	240	100	150 A	300 kcmil	T4	55°C
7146/5-V11-H08-AA-0500-0	286753	125	600	240	100	150 A	300 kcmil	T4	55°C

Manual Transfer Switch assemblies third party certified as noted in the certification data above. Components included in the assemblies are third party certified to the relevant American National Standard Institute (ANSI) standards.

\*\*Horsepower Ratings (HP) shown above are at 480 VAC for other voltages or Kilowatt ratings please see page I25.



Enclosure without entries

For Field Entry HUB and Cable Gland, please see page I26.

For installation, please contact factory.

# Non-Fused Manual Transfer Switch Fiberglass Reinforced Polyester Enclosure

GLOBAL AMPERAGE CONFIGURATIONS  
GLOBALLY CERTIFIED



## CLASSIFICATIONS

### 8146/5- Non-Fused Manual Transfers

#### NEC®

Class I, Zone 1 AEx db eb IIC <sup>^</sup> Gb  
Class I, Division 2, Groups A,B,C,D <sup>^</sup>  
Class II, Division 1, Groups E,F,G <sup>^</sup>  
Enclosure Type 3, 4, 4X, IP66

FM18US0275X

#### Canadian Electrical Code

Ex db eb IIC <sup>^</sup> Gb  
Class I, Division 2, Groups A,B,C,D <sup>^</sup>  
Class II, Division 1, Groups E,F,G <sup>^</sup>  
Enclosure Type 3, 4, 4X, IP66

FM18CA0132X

#### ATEX

II 2G Ex db eb IIC <sup>^</sup> Gb  
II 2D Ex tb IIIC <sup>^</sup> Db IP66

PTB 09 ATEX 1109

#### IECEX

Ex db eb IIC <sup>^</sup> Gb  
Ex tb IIIC <sup>^</sup> Db IP66

IECEX PTB 09.0049

<sup>v</sup> Ambient Temperature

-40°C ... +55°C

-40°F ... +131°F

Based on Temperature Class, T4



- 3 Pole
- Non-fused, prewired
- FRP screw cover enclosure
- Enclosure without entries
- Dimensions on page I24

## Ordering Information

NEC® - Class I, Zone 1; CE Code / IEC / ATEX - Zone 1			Rated Voltage		Horse Power Rating**	*Required Back-Up Fuse Max	Max. Wire Size	<sup>^</sup> Hazardous Location Temperature Class	<sup>v</sup> Max. Amb. Temp.
Catalog Number	SAP / Art. No.	Current Rating (AMPS)	V AC	V DC	480 V AC	J Type			
			8146/5-V11-H01-00-0500-0	286757	15	600	125	10	20 A
8146/5-V11-H06-00-0500-0	286762	60 / 63	600	240	40	150 A	1/0 AWG	T5	55°C
8146/5-V11-H07-00-0500-0	286764	80	480	240	60	150 A	1/0 AWG	T5	55°C
8146/5-V11-H32-00-0500-0	286766	100	600	240	75	200 A	300 kcmil	T4	55°C
8146/5-V11-H08-00-0500-0	286768	125	600	240	100	200 A	300 kcmil	T5	55°C
8146/5-V11-H09-00-0500-0	286770	150	480	240	100	200 A	300 kcmil	T4	55°C

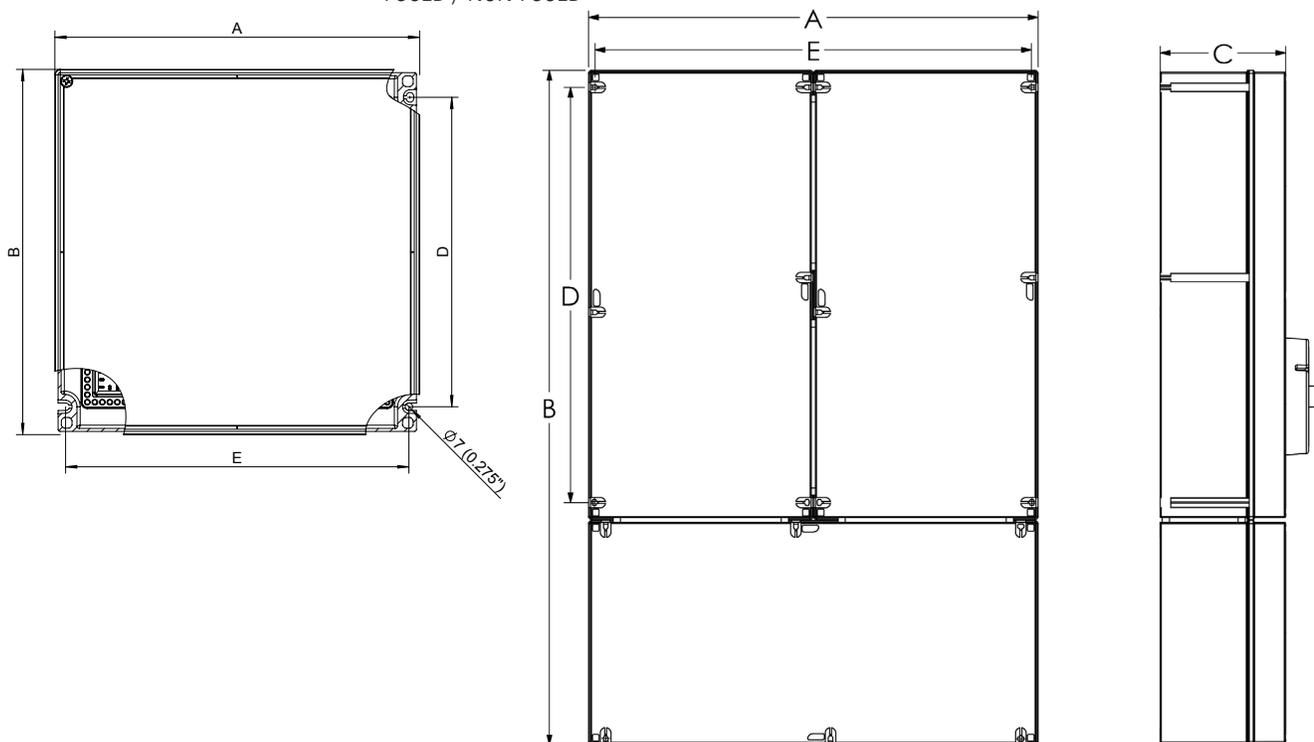
\*Required back-up fuse upstream in the circuit.

Manual Transfer Switch assemblies third party certified as noted in the certification data above. Components included in the assemblies are third party certified to the relevant American National Standard Institute (ANSI) standards.

\*\*Horsepower Ratings (HP) shown above are at 480 VAC for other voltages or Kilowatt ratings please see page I25.

Product without entries, please see page I26 for Field Entry HUB and cable gland. For installation, please contact factory.

## FRP SERIES MANUAL TRANSFER SWITCHES FUSED / NON-FUSED



### Dimensions in inches (mm) - Subject to Alterations

Catalog Number	Article #	A	B	C	D	E
<b>Non-Fused Transfer Switch</b>						
7146/5-V11-H01-00-0500-0	286732	6.69 (170)	8.94 (227)	5.16 (131)	6.89 (175)	5.98 (152)
7146/5-V11-H06-00-0500-0	286740	13.39 (340)	26.83 (681.5)	5.91 (150)	24.78 (629.5)	26.04 (661.5)
7146/5-V11-H07-00-0500-0	286744	13.39 (340)	26.83 (681.5)	5.91 (150)	24.78 (629.5)	26.04 (661.5)
7146/5-V11-H32-00-0500-0	286748	26.83 (681.5)	47.30 (1201.5)	7.48 (190)	24.78 (629.5)	26.04 (661.5)
7146/5-V11-H08-00-0500-0	286752	26.83 (681.5)	47.30 (1201.5)	7.48 (190)	24.78 (629.5)	26.04 (661.5)
7146/5-V11-H09-00-0500-0	286755	26.83 (681.5)	47.30 (1201.5)	7.48 (190)	24.78 (629.5)	26.04 (661.5)
<b>Fused Transfer Switch</b>						
7146/5-V11-H01-AA-0500-0	286733	13.41 (340.5)	13.41 (340.5)	5.16 (131)	10.57 (268.5)	12.70 (322.5)
7146/5-V11-H06-AA-0500-0	286741	26.83 (681.5)	26.83 (681.5)	7.48 (190)	24.78 (629.5)	26.04 (661.5)
7146/5-V11-H07-AA-0500-0	286745	26.83 (681.5)	26.83 (681.5)	7.48 (190)	24.78 (629.5)	26.04 (661.5)
7146/5-V11-H32-AA-0500-0	286749	26.83 (681.5)	47.30 (1201.5)	7.48 (190)	24.78 (629.5)	26.04 (661.5)
7146/5-V11-H08-AA-0500-0	286753	26.83 (681.5)	47.30 (1201.5)	7.48 (190)	24.78 (629.5)	26.04 (661.5)
<b>Non-Fused Transfer Switch</b>						
8146/5-V11-H01-00-0500-0	286757	6.69 (170)	8.94 (227)	5.16 (131)	6.89 (175)	5.98 (152)
8146/5-V11-H06-00-0500-0	286762	13.39 (340)	26.83 (681.5)	5.91 (150)	24.78 (629.5)	24.78 (629.5)
8146/5-V11-H07-00-0500-0	286764	13.39 (340)	26.83 (681.5)	5.91 (150)	24.78 (629.5)	24.78 (629.5)
8146/5-V11-H32-00-0500-0	286766	26.83 (681.5)	47.30 (1201.5)	7.48 (190)	24.78 (629.5)	24.78 (629.5)
8146/5-V11-H08-00-0500-0	286768	26.83 (681.5)	47.30 (1201.5)	7.48 (190)	24.78 (629.5)	24.78 (629.5)
8146/5-V11-H09-00-0500-0	286770	26.83 (681.5)	47.30 (1201.5)	7.48 (190)	24.78 (629.5)	24.78 (629.5)

Smaller dimension drawing applies only to the 8146/5-V11-H01 size enclosure.

Technical Data

Current Rating (AMPS)	Rated Voltage		Horse Power Rating							*Required Max. Back-Up Fuse	Short-circuit protection (sym RMS)	Max. Wire Size		^Haz. Location Temp. Class	*Max. Amb. Temp.
	V AC	V DC	600 V AC	480 V AC	240 V AC	120 V AC	60 V DC**	125 V DC**	250 V DC**			J -type	kA		
15	600	125	10	10	5	2	–	–	–	20 A	8	8	–	T5	55°C
16	600	125	10	10	5	2	–	–	–	20 A	8	8	–	T5	55°C
25	600	240	15	15	7.5	3	–	3	5	40 A	20	6	–	T5	55°C
30 / 32	600	-	30	20	10	3	–	–	–	50 A	10	6	–	T5	55°C
60 / 63	600	240	50	40	20	10	–	7.5	15	150 A	20	1/0	–	T5	55°C
														T6	40°C
80	480	240	-	60	30	10	10(1)	10(2)	30(3)	150 A	20	1/0	–	T5	55°C
														T6	40°C
100	600	240	100	75	50	20	–	10(2)	20(3)	200 A	25	–	300	T4	55°C
														T5	40°C
125	600	240	125	100	50	25	–	10(2)	20(3)	200 A	25	–	300	T4	55°C
														T5	40°C
150	480	240	-	100	50	25	–	10(2)	20(3)	200 A	25	–	300	T4	55°C

\*Required back-up fuse upstream in the circuit.

Note: The rated voltage DC shown is the value for 3-pole in series. For 1-pole and 2-pole rated voltage DC values, see IOM.

\*\*The numbers within the parentheses indicate how many switch contacts need to be wired in series to achieve the indicated horsepower ratings in DC applications.

^&^ For all fused switches, the Hazardous Location Temperature Class is T4 with a Max. Amb. Temp. of 55°C.

Current Rating (AMPS)	Rated Voltage		Kilowatt (KW) Rating				*Required Max. Back-Up Fuse	Short-circuit protection (sym RMS)	Max. Wire Size		^Haz. Location Temp. Class	*Max. Amb. Temp.
	V AC	V DC	690 V AC	500 V AC	400 V AC	230 V AC			J -type	kA		
16	690		11	7.5	7.5	4	20 A	8	8	–	T5	55°C
											T6	40°C
25	690		15	15	11	5.5	40 A	20	6	–	T5	55°C
63	690		55	37	30	18.5	150 A	20	1/0	–	T5	55°C
											T6	40°C
80	500	-	55	45	22	150 A	20	20	1/0	–	T5	55°C
											T6	40°C
125	690		110	75	55	37	200 A	25	–	300	T4	55°C
											T6	40°C
150	500	-	90	75	45	200 A	25	–	300	–	T4	55°C

\*Required back-up fuse upstream in the circuit.

^&^ For all fused switches, the Hazardous Location Temperature Class is T4 with a Max. Amb. Temp. of 55°C.

CABLE GLANDS / CONDUIT HUBS  
NORTH AMERICAN CERTIFIED



## TMC Cable Glands - Nickel Plated Brass For MC, MC-HL, Interlocked & TECK Armored Cables

### Ordering Information (Dimensions in Inches)

Catalog Number	Cable Gland Size NPT	Max. Cable Armor Dia.				Cable Jacket Diameter		SAP / Art. No.
		End Stop In		End Stop Out		Min.	Max.	
		Min.	Max.	Min.	Max.			
TMC050SNB	1/2"	--	--	0.342	0.503	0.354	0.550	254316
TMC050NB	1/2"	--	--	0.437	0.669	0.510	0.787	254317
TMC075NB	3/4"	0.591	0.756	0.756	0.917	0.669	1.035	106090
TMC100NB	1"	0.775	0.969	0.969	1.150	0.910	1.268	106091
TMC125NB	1-1/4"	1.083	1.228	1.228	1.386	1.161	1.504	254320
TMC150NB	1-1/2"	1.320	1.461	1.461	1.618	1.402	1.736	254321
TMC200SNB	2"	1.508	1.677	1.677	1.854	1.579	2.008	254322
TMC200NB	2"	1.772	1.933	1.933	2.087	1.858	2.205	254323
TMC250SNB	2-1/2"	2.052	2.161	2.161	2.320	2.079	2.441	254324
TMC250NB	2-1/2"	2.247	2.406	2.406	2.545	2.327	2.677	254325
TMC300NB	3"	2.543	2.776	2.776	2.965	2.622	3.126	254326
TMC350NB	3-1/2"	2.91	3.291	3.291	3.485	2.992	3.830	254327

NOTE: For more information regarding these accessories see Section K.  
For other Material Options for the TMC Cable Glands and for international cable entry, please contact factory.



## Hazardous Location Conduit Hubs with Grounding Terminal

NOTE: For conduit hubs, please contact factory.

### CLASSIFICATIONS

#### TMC Cable Glands

##### NEC®

Class I, Zone 1 & 2, AEx e IIC  
Class I, Division 2, Groups A,B,C,D  
Class II, Division 1 & 2, Groups E,F,G

##### Canadian Electrical Code

Zone 1 & 2, Ex e IIC  
Class I, Division 2, Groups A,B,C,D  
Class II, Division 1 & 2, Groups E,F,G

Environmental Protection  
NEMA 3, 4 and 4X; IP66



Continuous Operating Temperature  
-60°C ... +130°C  
-76°F ... +266°F

