

# P/N MS24658-21A

## **Description**

MS24658-21A Toggle Switch

\* Manufacturer certifications are shipped with your order FREE of charge

# Order this part online

### **Additional Information**

SKU / Model: MS2465821A

Minimum Qty (MOQ):

NSN: 5930-00-990-1475

ECCN: EAR99

National Motor Freight: 061300, Circuit Breaker / Switch Noi



<sup>\*</sup> See page 2 for technical characteristics

# P/N MS24658-21A Specifications

Inread class:  Body Style:  Bushing Mount  Hazardous  Locations/environmental  Protection:  Overall Length:  1.270 Inches Maximum  Actual Minimum And 0.590 Inches Maximum  Body Length:  1.270 Inches Maximum  Body Height:  0.450 Inches Maximum  Body Height:  0.400 Inches Maximum  Actuator Style:  Round  Actuator Style:  Actuator Position-action Relationship:  Up Position Maintained And Down Position Maintained And Center Position Maintained  Actuator Position-action Relationship:  Maximum Voltage Rating In Volts:  I15.0 Ac And 28.0 Dc  Inclosure Type:  Mounting Method:  Thread Gushing  Mounting Method:  Thread Gushing  Thread Gushing  Thread Size:  0.469 Inches  Nonpile-up Contact Arrangement:  Actuator Arrangement:  1 Pole, Double Throw, Three Positions Maintained Single Switch Unit  Contact Load Current Rating At  8 2.0000 Amperes Resistive Dc And 15.000 Amperes Inductive Dc And 5.000 Amperes Lamp Dc And 15.000 Amperes Resistive Ac And  8 31349-mils-3950 Specification (includes Engineering Type Bulletins, Brochures, etc., That Reflect Specification Type Data in Specification Fourier Evolutions, Medications, Reflecting General Type Data in Specification Fouriermental And Performance Requirements And Test Conditions That Are Shown As "typical", "average", "nominal", Etc.).  Thread Series Designator:  Use  Terminal Type And Quantity:  3 Screw  Specification/standard Dats:  9 69906-ms24558 Government Standard	-1.01	
Hazardous Locations/environmental Protections:  Overall Length: 1.270 Inches Maximum 1.270 In	Thread Class:	2a
Locations/environmental Protections:         Submersible           Overall Length:         1,270 Inches Maximum           Bushing Length:         0,450 Inches Minimum And 0,590 Inches Maximum           Body Length:         1,270 Inches Maximum           Body Length:         0,551 Inches Maximum           Body Helght:         0,910 Inches Maximum           Actuator Style:         Round           Actuator Diameter:         0,400 Inches Minimum And 0,440 Inches Maximum           Actuator Peight:         1,135 Inches Minimum And 1,145 Inches Maximum           Actuator Position-action         10 Position Maintained And Down Position Maintained And Center Position Maintained           Relationship:         Up Position Locked In And Down Position Locked In And Center Position Locked In           Maximum Voltage Rating In Volts:         15.0 Ac And 28.0 DC           Inclosure Type:         Fully Inclosed           Mounting Method:         1 Freaded Size:           Nominal Thread Size:         0.469 Inches           Nominal Thread Size:         0.469 Inches           Nominal Thread Size:         0.000 Amperes Resistive Dc And 15.000 Amperes Inductive Dc And 5.000 Amperes Lamp Dc And 15.000 Amperes Resistive Ac And 3.000 Amperes Jamp Ac           Contact Load Current Rating At Maximum Rated Voltage:         20,000 Amperes Resistive Dc And 15.000 Amperes Jamp Ac           Thread Sa	Body Style:	Bushing Mount
Bushing Length: 0.450 Inches Minimum And 0.590 Inches Maximum Body Length: 1.270 Inches Maximum Body Wildth: 0.635 Inches Maximum Body Height: 0.910 Inches Maximum Actuator Style: Round Actuator Dlameter: 0.400 Inches Minimum And 0.440 Inches Maximum Actuator Position-action Relationship: Up Position Maintained And Down Position Maintained And Center Position Maintained Actuator Position-action Relationship: Up Position Locked In And Down Position Maintained And Center Position Maintained Actuator Position-locking Relationship: Up Position Locked In And Down Position Locked In And Center Position Locked In And Down Position-Inched In Inches Maximum Voltage Rating In Volts: 15.0 Ac And 28.0 Dc Inclosure Type: Fully Inclosed Mounting Method: Threaded Bushing Thread Quantity Per Inch: 32 Nominal Thread Size: 0.469 Inches Nonpile-up Contact Arrangement: 1 Pole, Double Throw, Three Positions Maintained Single Switch Unit Contact Load Current Rating At Maximum Rated Voltage: 1.500 Amperes Resistive Dc And 15.000 Amperes Inductive Dc And 5.000 Amperes Lamp Dc And 15.000 Amperes Resistive Ac And Maximum Rated Voltage: 1.500 Amperes Resistive Dc And 3.000 Amperes Inductive Dc And 5.000 Amperes, Reflecting General Type Data In Specification Format; Excludes Commercial Catalogs, Industry Directories, And Similar Trade Publications, Reflecting General Type Data On Certain Environmental And Performance Requirements And Test Conditions That Are Shown As "typical", "average", "nominal", Etc.). Thread Series Designator: Uns	Locations/environmental	Submersible
Body Length:         1.270 Inches Maximum           Body Width:         0.635 Inches Maximum           Body Height:         0.910 Inches Maximum           Actuator Style:         Round           Actuator Diameter:         0.400 Inches Minimum And 0.440 Inches Maximum           Actuator Height:         1.35 Inches Minimum And 1.145 Inches Maximum           Actuator Position-action Relationship:         Up Position Maintained And Down Position Maintained And Center Position Maintained           Actuator Position-locking Relationship:         Up Position Locked In And Down Position Locked In And Center Position Locked In Actuator Position-locking           Maximum Voltage Rating In Volts:         115.0 Ac And 28.0 Dc           Inclosure Type:         Fully Inclosed           Mounting Method:         115.0 Ac And 28.0 Dc           Thread Quantity Per Inch:         3           Thread Quantity Per Inch:         3           Nonpile-up Contact Arrangement:         1 Pole, Double Throw, Three Positions Maintained Single Switch Unit           Contact Load Current Rating At Maximum Rated Voltage:         All Specification (includes Engineering Type Bulletins, Brochures, etc., That Reflect Specification Type Data In Specification Format; Excludes Commercial Catalogs, Industry Directories, And Similar Trade Publications, Reflecting General Type Data On Certain Environmental And Performance Requirements And Test Conditions That Are Shown As "typical", "average", "nominal", Etc.).           <	Overall Length:	1.270 Inches Maximum
Body Width:         0.635 Inches Maximum           Body Height:         0.910 Inches Maximum           Actuator Style:         Round           Actuator Diameter:         0.400 Inches Minimum And 0.440 Inches Maximum           Actuator Position-action Relationship:         Up Position Maintained And Down Position Maintained And Center Position Maintained           Actuator Position-locking Relationship:         Up Position Locked In And Down Position Locked In And Center Position Locked In Relationship:           Maximum Voltage Rating In Volts:         115.0 Ac And 28.0 Dc           Inclosure Type:         Fully Inclosed           Mounting Method:         Threaded Bushing           Thread Quantity Per Inch:         32           Nonpile-up Contact Arrangement:         1 Pole, Double Throw, Three Positions Maintained Single Switch Unit           Contact Load Current Rating At Maximum Rated Voltage:         20.000 Amperes Resistive Dc And 15.000 Amperes Inductive Dc And 5.000 Amperes Lamp Dc And 15.000 Amperes Resistive Ac And 3.000 Amperes Inductive Dc And 5.000 Amperes, That Reflect Specification Type Data In Specification Format; Excludes Commercial Catalogs, Industry Directories, And Similar Trade Publications, Reflecting General Type Data On Certain Environmental And Performance Requirements And Test Conditions That Are Shown As "typical", "average", "nominal", Etc.).           Thread Series Designator:         Uns	Bushing Length:	0.450 Inches Minimum And 0.590 Inches Maximum
Body Height:         0.910 Inches Maximum           Actuator Style:         Round           Actuator Diameter:         0.400 Inches Minimum And 0.440 Inches Maximum           Actuator Peight:         1.35 Inches Minimum And 1.145 Inches Maximum           Actuator Position-action Relationship:         Up Position Maintained And Down Position Maintained And Center Position Maintained           Maximum Voltage Rating In Volts:         15.0 Ac And 28.0 Dc           Inclosure Type:         Fully Inclosed           Mounting Method:         Threaded Bushing           Thread Quantity Per Inch:         32           Nonpile-up Contact Arrangement:         1.9 Pole, Double Throw, Three Positions Maintained Single Switch Unit           Contact Load Current Rating At Maximum Rated Voltage:         2.0000 Amperes Resistive Dc And 15.000 Amperes Inductive Dc And 5.000 Amperes Lamp Dc And 15.000 Amperes Resistive Ac And Maximum Rated Voltage:           Test Data Document:         81349-mils-3950 Specification (includes Engineering Type Bulletins, Brochures, etc., That Reflect Specification Type Data In Specification Format; Excludes Commercial Catalogs, Industry Directories, And Similar Trade Publications, Reflecting General Type Data On Certain Environmental And Performance Requirements And Test Conditions That Are Shown As "typical", "average", "nominal", Etc.).           Thread Series Designator:         Uns	Body Length:	1.270 Inches Maximum
Actuator Style:RoundActuator Diameter:0.400 Inches Minimum And 0.440 Inches MaximumActuator Height:1.135 Inches Minimum And 1.145 Inches MaximumActuator Position-action Relationship:Up Position Maintained And Down Position Maintained And Center Position MaintainedActuator Position-locking Relationship:Up Position Locked In And Down Position Locked In And Center Position Locked InMaximum Voltage Rating In Volts:115.0 Ac And 28.0 DcInclosure Type:Fully InclosedMounting Method:Threaded BushingThread Quantity Per Inch:32Nominal Thread Size:0.469 InchesNonpile-up Contact Arrangement:1 Pole, Double Throw, Three Positions Maintained Single Switch UnitContact Load Current Rating At Maximum Rated Voltage:20.000 Amperes Resistive Dc And 15.000 Amperes Inductive Dc And 5.000 Amperes Lamp Dc And 15.000 Amperes Resistive Ac And 3.000 Amperes Lamp AcTest Data Document:81349-mil-s-3950 Specification (includes Engineering Type Bulletins, Brochures,etc., That Reflect Specification Type Data In Specification Format; Excludes Commercial Catalogs, Industry Directories, And Similar Trade Publications, Reflecting General Type Data On Certain Environmental And Performance Requirements And Test Conditions That Are Shown As "typical", "average", "nominal", Etc.).Thread Series Designator:UnsTerminal Type And Quantity:3 Screw	Body Width:	0.635 Inches Maximum
Actuator Diameter: 0.400 Inches Minimum And 0.440 Inches Maximum Actuator Position-action Relationship: Up Position Maintained And Down Position Maintained And Center Position Maintained Sing Actuator Position Maintained Single Switch Unit  Contact Load Current Rating At Maximum Rated Voltage: 1 Pole, Double Throw, Three Positions Maintained Single Switch Unit 20.000 Amperes Resistive Dc And 15.000 Amperes Inductive Dc And 5.000 Amperes Lamp Dc And 15.000 Amperes Resistive Actuator National Actuator Position Maintained Single Switch Unit 20.000 Amperes Resistive Actuator Position Maintained Single Switch Unit 20.000 Amperes Resistive Actuator Position Maintained Single Switch Unit 20.000 Amperes Lamp Actuator Position Maintained Single Switch Unit 20.000 Amperes Lamp Actuator Position Maintained Single Switch Unit 20.000 Amperes Lamp Actuator Position Maintained Single Switch Unit 20.000 Amperes Lamp Actuator Position Maintained Single Switch Unit 20.000 Amperes Lamp Actuator Position Maintained Single Switch Unit 20.000 Amperes Lamp Actuator Position Maintained Single Switch Unit 20.000 Amperes Lamp Actuator Position Maintained Single Switch Unit 20.000 Amperes Lamp Actuator Position Maintained Single Switch Unit 20.000 Amperes Lamp Actuator Position	Body Height:	0.910 Inches Maximum
Actuator Height: Actuator Position-action Relationship:  Actuator Position-locking Relationship:  Up Position Locked In And Down Position Locked In And Center Position Locked In  Maximum Voltage Rating In Volts: Inclosure Type: Fully Inclosed Mounting Method: Thread Quantity Per Inch: Mominal Thread Size: Nonpile-up Contact Arrangement: Contact Load Current Rating At Maximum Rated Voltage:  Test Data Document:  Test Data Document:  Discussion Agents Maintained And Down Position Locked In And Center Position Maintained Single Switch Unit  115.0 Ac And 28.0 Dc Inclosure Fully Inclosed  Mounting Method: Thread Beries Designator: Test Data Document:  Test Data Document:  Discussion Maintained And Center Position Locked In And Down Position Maintained Center Position Locked In And Down Position Locked In And Center Position Locked	Actuator Style:	Round
Actuator Position-action Relationship:  Actuator Position-locking Relationship:  Dy Position Locked In And Down Position Locked In And Center Position Locked In  It 5.0 Ac And 28.0 Dc  Inclosure Type: Il I	Actuator Diameter:	0.400 Inches Minimum And 0.440 Inches Maximum
Relationship:  Actuator Position-locking Relationship:  Dy Position Locked In And Down Position Locked In And Center Position Locked In  Maximum Voltage Rating In Volts: Inclosure Type: Fully Inclosed  Mounting Method: Threaded Bushing  Thread Quantity Per Inch: 32  Nominal Thread Size: Nonpile-up Contact Arrangement: Contact Load Current Rating At Maximum Rated Voltage: 1 Pole, Double Throw, Three Positions Maintained Single Switch Unit  20.000 Amperes Resistive Dc And 15.000 Amperes Inductive Dc And 5.000 Amperes Lamp Dc And 15.000 Amperes Resistive Ac And Maximum Rated Voltage: 81349-mil-s-3950 Specification (includes Engineering Type Bulletins, Brochures, etc., That Reflect Specification Type Data In Specification Format; Excludes Commercial Catalogs, Industry Directories, And Similar Trade Publications, Reflecting General Type Data On Certain Environmental And Performance Requirements And Test Conditions That Are Shown As "typical", "average", "nominal", Etc.).  Thread Series Designator: Uns  Terminal Type And Quantity: 3 Screw	Actuator Height:	1.135 Inches Minimum And 1.145 Inches Maximum
Relationship:  Maximum Voltage Rating In Volts: Inclosure Type: Fully Inclosed  Mounting Method: Thread Quantity Per Inch: Nominal Thread Size: Nonpile-up Contact Arrangement: Contact Load Current Rating At Maximum Rated Voltage:  Maximum Rated Voltage:  1 20.000 Amperes Resistive Dc And 15.000 Amperes Inductive Dc And 5.000 Amperes Lamp Dc And 15.000 Amperes Resistive Ac And 10.000 Amperes Inductive Ac And 3.000 Amperes Lamp Ac  81349-mil-s-3950 Specification (includes Engineering Type Bulletins, Brochures, etc., That Reflect Specification Type Data In Specification Format; Excludes Commercial Catalogs, Industry Directories, And Similar Trade Publications, Reflecting General Type Data On Certain Environmental And Performance Requirements And Test Conditions That Are Shown As "typical", "average", "nominal", Etc.).  Thread Series Designator: Uns  Terminal Type And Quantity: 3 Screw		Up Position Maintained And Down Position Maintained And Center Position Maintained
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Mounting Method: Threaded Bushing  Thread Quantity Per Inch: Nominal Thread Size: 0.469 Inches  Nonpile-up Contact Arrangement: 1 Pole, Double Throw, Three Positions Maintained Single Switch Unit  Contact Load Current Rating At Maximum Rated Voltage: 20.000 Amperes Resistive Dc And 15.000 Amperes Inductive Dc And 5.000 Amperes Lamp Dc And 15.000 Amperes Resistive Ac And 10.000 Amperes Inductive Ac And 3.000 Amperes Lamp Ac  81349-mil-s-3950 Specification (includes Engineering Type Bulletins, Brochures, etc., That Reflect Specification Type Data In Specification Format; Excludes Commercial Catalogs, Industry Directories, And Similar Trade Publications, Reflecting General Type Data On Certain Environmental And Performance Requirements And Test Conditions That Are Shown As "typical", "average", "nominal", Etc.).  Thread Series Designator: Uns Terminal Type And Quantity: 3 Screw	Maximum Voltage Rating In Volts:	115.0 Ac And 28.0 Dc
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Maximum Rated Voltage:  10.000 Amperes Inductive Ac And 3.000 Amperes Lamp Ac  81349-mil-s-3950 Specification (includes Engineering Type Bulletins, Brochures,etc., That Reflect Specification Type Data In Specification Format; Excludes Commercial Catalogs, Industry Directories, And Similar Trade Publications, Reflecting General Type Data On Certain Environmental And Performance Requirements And Test Conditions That Are Shown As "typical", "average", "nominal", Etc.).  Thread Series Designator:  Uns  Terminal Type And Quantity:  3 Screw	Nonpile-up Contact Arrangement:	1 Pole, Double Throw, Three Positions Maintained Single Switch Unit
Test Data Document:  Format; Excludes Commercial Catalogs, Industry Directories, And Similar Trade Publications, Reflecting General Type Data On Certain Environmental And Performance Requirements And Test Conditions That Are Shown As "typical", "average", "nominal", Etc.).  Thread Series Designator:  Uns  Terminal Type And Quantity:  3 Screw	_	
Terminal Type And Quantity: 3 Screw	Test Data Document:	Format; Excludes Commercial Catalogs, Industry Directories, And Similar Trade Publications, Reflecting General Type Data On Certain
	Thread Series Designator:	Uns
Specification/standard Data: 96906-ms24658 Government Standard	Terminal Type And Quantity:	3 Screw
	Specification/standard Data:	96906-ms24658 Government Standard

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