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CHARLES COUNTY POMONKEY PUMP STATION IMPROVEMENTS

SECONDARY FAN CONTROL PANEL SUBMITTAL

SECTION 17441 - CONTROLS SYSTEM HARDWARE

January 26, 2026

ENGINEER: WRA

CONTRACTOR: JOHNSTON CONSTRUCTION

***MANUFACTURERS' REPRESENTATIVE FOR ENGINEERED INSTRUMENTATION,
PROCESS EQUIPMENT AND PUMPING SYSTEMS***

Branch Offices: RICHMOND, VA and LEOLA, PA

CHARLES COUNTY POMONKEY PUMP STATION IMPROVEMENTS

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CHARLES COUNTY POMONKEY PUMP STATION IMPROVEMENTS

General Comments:

1. The wiring schematics assume a $\frac{1}{4}$ HP motor with an FLA of 5.8. Please verify and confirm the motor nameplate details for the secondary fan motor.

Parts Index:

SHT	MANUFACTURER	MODEL	DESCRIPTION
1	SCE	SCE-16H1606SS6LP	Wall Mount Enclosure - NEMA 4X
1	SCE	SCE-16P16	Enclosure Back Panel
1	SCE	SCE-BVKD	NEMA 4X VENT/DRAIN
2	Schneider Electric	9001SKT38LGG31	PTT Light, 120VAC LED, Green
2	Schneider Electric	9001SKT38LRR31	PTT Light, 120VAC LED, Red
2	Schneider Electric	9001SKT38LYA31	PTT Light, 120VAC LED, Amber
3	Schneider Electric	XB4BA922	Manual Overload Reset Pushbutton
4	Schneider Electric	9001SKS43BH13	3 Position Switch, Black
5	Square D	BGL26015	Main Circuit Breaker, 15A
6	Weidmuller	7940102572	Circuit Breaker, 120VAC, 2A
7	Square D	8536-SAO11V02ES	NEMA Motor Starter / Overload
7	Square D	B9.10	Thermal Motor Overload
9	Square D	9050JCK70V20	Repeat Cycle Timer, 0.5 Sec to 999 Hours
9	Square D	8501NR61	RELAY SOCKET, 120VAC, 11 PIN, DIN
10	Phoenix Contact	3044076	Terminal Block
10	Phoenix Contact	3044092	Grounding Terminal Block
10	Phoenix Contact	3047028	Terminal End Barrier
10	Phoenix Contact	0800886	Terminal Anchor

CHARLES COUNTY POMONKEY PUMP STATION IMPROVEMENTS

Data Sheet 1

Customer:	Johnston Construction
Reference:	Charles County Pomonkey Pump Station Improvements
Date:	01/26/2026
Qty	Description
1	<p>Mfg: SCE: Wall Mount Enclosure - NEMA 4X Model Number: SCE-16H1606SS6LP</p> <p>Tags/Service: ENC / Secondary Fan Control Panel</p> <p>Specifications:</p> <ul style="list-style-type: none"> • 0.075" stainless steel type 316/316L • Flange trough collar around all sides of door opening • Pour in place oil and water resistant gasket • Hasp and staple for padlocking • Stainless steel continuous hinges • Welded mounting provision top and bottom of back • #4 brushed finish on all exterior surfaces
1	<p>Mfg: SCE: Enclosure Back Panel Model Number: SCE-16P16</p> <p>Tags/Service: ENC / Secondary Fan Control Panel</p> <p>Specifications:</p> <ul style="list-style-type: none"> • 13"H x 13"W x 0.10"D flat subpanel • Powder coated white finish

1	<p>Mfg: SCE: NEMA 4X VENT/DRAIN Model Number: SCE-BVKD</p> <p>Tags/Service: DRAIN / Secondary Fan Control Panel</p> <p>Specifications:</p> <ul style="list-style-type: none">• Drain and breather vent kit• Made of corrosion and UV resistant polycarbonate material• NEMA 4X rated• 10 in·lb installation torque
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WALL MOUNT ENCLOSURE - NEMA 4X

Saginaw Control and Engineering
95 Midland Road Saginaw, MI 48638-5770
(800) 234-6871 - Fax: (989) 799-4524
SCE@SaginawControl.com

SCE-16H1606SS6LP

TAGS: ENC

**Construction**

- ✿ 0.075 In. stainless steel Type 316/316L.
- ✿ Continuously welded seams ground smooth.
- ✿ Flange trough collar around all sides of door opening.
- ✿ Pour in place oil & water resistant gasket
- ✿ Collar studs 3/8-16 provided for mounting optional subpanels.
- ✿ Hasp and staple for padlocking.
- ✿ Stainless steel continuous hinges.
- ✿ Removable print pocket furnished if height and width of enclosure is greater than 12 Inches.
- ✿ Ground stud on door.
- ✿ Stainless steel clamps on three sides door when greater than 30 inch wide.
- ✿ Welded mounting provision top and bottom of back.

Application

Designed to house electrical and electronic controls, instruments and components in areas which may be regularly hosed down or are very wet conditions. Provides protection from dust, dirt, oil and water. For outdoor application a drip shield and drain vent is recommended.

For details about the design, performance expectations, applications and design suggestions - See Design Considerations
www.saginawcontrol.com/instman/considerations.pdf

Finish

#4 brushed finish on all exterior surfaces. Optional sub-panels are powder coated white.

Industry Standards - (IS6)

- ✿ NEMA Type 3R, 4, 4X, 12 and Type 13
- ✿ UL Listed Type 3R, 4, 4X and 12
- ✿ CSA Type 4, 4X and 12
- ✿ IEC 60529
- ✿ IP 66

Notes

Provision for Lifting Lugs on enclosures when Height >48" and Depth >16".
The Lifting Lug assembly will be included with the enclosure bolt pack.

Special Instructions apply for IS3, IS4 and IS6 to maintain the environmental rating of Type 3R for these parts. Instructions are located on the enclosure door. Drip shield is required on IS3, drip shield is recommended on IS4 and IS6. Drain holes are required on all.

Product Specifications:

Part Number: SCE-16H1606SS6LP
Description: Nema 4X LP Enclosure
Height: 16.00"
Width: 16.00"
Depth: 6.00"
Price Code: S3
List Price: \$1,057.48
Catalog Page: 270
Est. Ship Weight: 26.00 lbs

Optional Accessories

- SCE-16P16 Subpanel, Flat
- SCE-16P16GALV Subpanel, Flat Galvannealed
- SCE-BVK Breather Vent
- SCE-DS16SS Shield, S.S. Drip
- SCE-LPCLAMPSS Assembly, S.S. LP Clamp (2pcs)
- SCE-LPQR LP Style Quick Release Clamp Assy (Stainless)
- SCE-NADFKSS Kit, S.S. Swing Out Panel Mounting
- SCE-RD16H16SS6 Door, Replacement

Similar Part Numbers

- SCE-16H1206SS6LPNema 4X LP Enclosure
- SCE-16H1208SS6LPNema 4X LP Enclosure
- SCE-16H2006SS6LPNema 4X LP Enclosure
- SCE-20H1606SS6LPNema 4X LP Enclosure
- SCE-20H1608SS6LPNema 4X LP Enclosure
- SCE-20H1610SS6LPNema 4X LP Enclosure
- SCE-20H2006SS6LPNema 4X LP Enclosure
- SCE-20H2408SS6LPNema 4X LP Enclosure
- SCE-24H1608SS6LPNema 4X LP Enclosure
- SCE-24H2006SS6LPNema 4X LP Enclosure

Installation Information

- ✿ Drip Shield Kit Assembly
- ✿ Swing Panel Assembly for LP Enclosures
- ✿ Clamp Fastened Single Door Enclosures (Stainless Steel)
- ✿ NEMA 12 and 4 Clamp Fastened Single Door Enclosure

**ENCLOSURE BACKPANEL**

Saginaw Control and Engineering
95 Midland Road Saginaw, MI 48638-5770
(800) 234-6871 - Fax: (989) 799-4524
SCE@SaginawControl.com

SCE-16P16**TAGS: ENC****Product Specifications:****Part Number:** SCE-16P16**Description:** Subpanel, Flat**Height:** 13.00"**Width:** 13.00"**Depth:** 0.10"**Price Code:** P3**List Price:** \$30.35**Catalog Page:** 444**Est. Ship Weight:** 6.00 lbs**Finish**

Powder Coated White.

Industry Standards - (IS17)

- ✿ NEMA Not Applicable
- ✿ UL Not Applicable
- ✿ CSA N/A

~~**Similar Part Numbers**~~~~SCE-10P10Subpanel, Flat~~~~SCE-10P6Subpanel, Flat~~~~SCE-10P8Subpanel, Flat~~~~SCE-12DLP128Subpanel, Flat~~~~SCE-12P10Subpanel, Flat~~~~SCE-12P12Subpanel, Flat~~~~SCE-12P12CSubpanel, Flat~~~~SCE-12P16CSubpanel, Flat~~~~SCE-12P20CSubpanel, Flat~~~~SCE-12P24Subpanel, Bent~~~~**Installation Information**~~

- ✿ Sub-Plate Layout & Grounding for 10-32



NEMA 4X VENT/DRAIN

Saginaw Control and Engineering
95 Midland Road Saginaw, MI 48638-5770
(800) 234-6871 - Fax: (989) 799-4524
SCE@SaginawControl.com

SCE-BVKD

TAGS: DRAIN

Product Specifications:

Part Number: SCE-BVKD**Description:** Drain, Breather Vent Kit**Height:** 2.00"**Width:** 2.00"**Depth:** 2.00"**Price Code:** P2**List Price:** \$11.70**Catalog Page:** 397**Est. Ship Weight:** 0.25 lbs**UL Recognized Type:** 1, 2, 3, 3R, 3RX, 3S, 4, 4X & 12**UL File:** E69392**Installation Torque:** 10 Inch Lb**Location used:** Bottom of Enclosure

~~Similar Part Numbers~~

~~SCE-BVK Breather Vent~~

Installation Information

- ✿ SCE-BVK, Breather Vent Kit
- ✿ SCE-BVKD, Breather Vent Kit Drain



Application

Designed for indoor or outdoor applications to handle the large negative pressure differential caused in a tightly sealed enclosure in extreme weather conditions or wash down applications that draw water into the enclosure. Adding a Breather Vent will help to equalize this pressure differential. Breather vents are made of corrosion and UV resistant Polycarbonate material.

Options

SCE-BVK can be installed on the side of your enclosure as a breather or installed on the bottom as a drain and vent. SCE-BVKD can be installed on the bottom of an enclosure as a drain and vent.

Industry Standards - (IS24)

- ✿ UL Component Recognized

Data Sheet 2

Customer:	Johnston Construction
Reference:	Charles County Pomonkey Pump Station Improvements
Date:	01/26/2026
Qty	Description
1	<p>Mfg: Schneider Electric: PTT Light, 120VAC LED, Green Model Number: 9001SKT38LGG31</p> <p>Tags/Service: LT5208 / Secondary Fan Control Panel</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Plastic bezel material • 120VAC rated supply voltage • 1 C/O contact composition • 5000000 cycle mechanical durability • 0.55A rated operational current • Silver alloy contact material • 60kA, 7200VA rated short-circuit making capacity • 6kA, 720VA rated breaking capacity • Green fresnel polycarbonate lens • Green LED
1	<p>Mfg: Schneider Electric: PTT Light, 120VAC LED, Red Model Number: 9001SKT38LRR31</p> <p>Tags/Service: LT5209 / Secondary Fan Control Panel</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Plastic bezel material • 120VAC rated supply voltage • 1 C/O contact composition

	<ul style="list-style-type: none"> • 5000000 cycle mechanical durability • 0.55A rated operational current • Silver alloy contact material • 60kA, 7200VA rated short-circuit making capacity • 6kA, 720VA rated breaking capacity • Red fresnel polycarbonate lens • Red LED
1	<p>Mfg: Schneider Electric: PTT Light, 120VAC LED, Amber Model Number: 9001SKT38LYA31</p> <p>Tags/Service: LT5210 / Secondary Fan Control Panel</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Plastic bezel material • 120VAC rated supply voltage • 1 C/O contact composition • 5000000 cycle mechanical durability • 0.55A rated operational current • Silver alloy contact material • 60kA, 7200VA rated short-circuit making capacity • 6kA, 720VA rated breaking capacity • Amber fresnel polycarbonate lens • Yellow LED

Product data sheet

PTT LIGHT, 120VAC LED, GREEN

Specifications

TAGS: LT5208



Push-to-test pilot light, Harmony 9001SK, plastic, polycarbonate, fresnel lens, green, 30mm, LED green, 120V

9001SKT38LGG31

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony 9001SK
Product or Component Type	Push-to-test pilot light
Device short name	9001SK
Type of operator	spring return
Operator profile	Green projecting, unmarked

Complementary

Bezel material	Plastic
Mounting diameter	1.2 in (30 mm)
Shape of signaling unit head	Octagonal
Light source	LED
Light source	LED
Bulb base	BA 9s
Light block supply	Direct
[Us] rated supply voltage	120 V AC/DC
[Us] rated supply voltage	120 V AC/DC
Contacts type and composition	1 C/O
Connections - terminals	Screw clamp terminals 1 x 0.22...2 x 1.5 mm ² IEC 60947-1
Tightening torque	7.08 lbf.in (0.8 N.m) IEC 60947-1
shape of screw head	Cross slotted
Mechanical durability	5000000 cycles
Operating position	Any position
[Ie] rated operational current	0.55 A 125 V, DC-13, A600-Q600 NEMA
[Ui] rated insulation voltage	250 V 3)IEC 60947-1
[Uiimp] rated impulse withstand voltage	2.5 kV IEC 60947-1
Contacts material	Silver alloy contacts
Positive opening	Without
Short-circuit protection	10 A cartridge fuse IEC 60947-5-1
[Ith] conventional free air thermal current	10 A

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

[Icm] rated short-circuit making capacity	12 kA 600 V AC-15, 7200 VA 15 kA 480 V AC-15, 7200 VA 30 kA 240 V AC-15, 7200 VA → 60 kA 120 V AC-15, 7200 VA
Rated breaking capacity	1.2 kA 600 V AC-15, 720 VA 1.5 kA 480 V AC-15, 720 VA 3 kA 240 V AC-15, 720 VA → 6 kA 120 V AC-15, 720 VA 0.1 kA 600 V DC-13 0.27 kA 250 V DC-13 0.55 kA 125 V DC-13
Net Weight	0.430 lb(US) (0.195 kg)
Device presentation	Complete product
Cap/operator or lens colour	Green
Lens type	Fresnel
[Us] rated supply voltage	120 V
Light source colour	Green
Lens material	Polycarbonate
Size	30 mm

Environment

Standards	IEC 60947-5-1 UL 508 JIS C8201-5-1 IEC 60947-5-4 JIS C 852 CSA C22.2 No 14 IEC 60947-1 JIS C8201-1
Product Certifications	UL 508 NEMA
Protective treatment	TC
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Vibration resistance	7 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn IEC 60068-2-27
Electrical shock protection class	Class II conforming to IEC 61140
IP Degree of Protection	IP65 IP66
NEMA degree of protection	NEMA 1 NEMA 12 NEMA 13 NEMA 2 NEMA 3 NEMA 3R NEMA 4 NEMA 4X

Ordering and shipping details

Category	US10CS121429
Discount Schedule	0CS1
GTIN	785901044482
Returnability	Yes

Country of origin MX

Packing Units

Unit Type of Package 1 PCE

Nbr. of units in pkg. 1

Package 1 Height 2.00 in (5.08 cm)

Package 1 Width 2.300 in (5.842 cm)

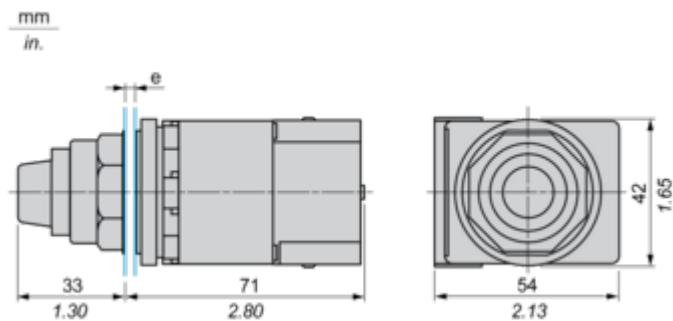
Package 1 Length 4.50 in (11.43 cm)

Package weight(Lbs) 4.32 oz (122.47 g)

Contractual warranty

Warranty (in months) 18

Dimensions Drawings

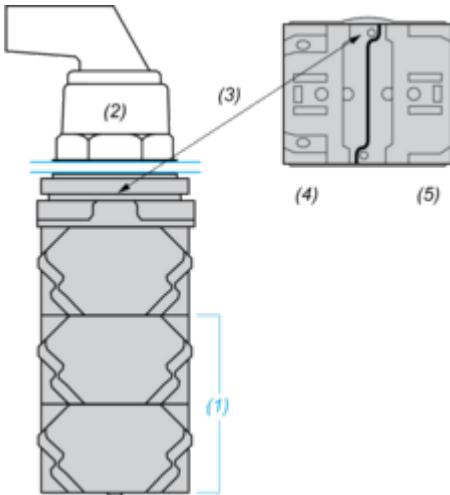
Dimensions

e panel thickness: 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

Contact Block Mounting Position

Top and Rear views



(1) It is possible to mount up to 3 levels of contacts blocks (maximum of 6 contacts blocks)

(2) Operator

(3) Locating notch

(4) Side 1

(5) Side 2

Product data sheet

PTT LIGHT, 120VAC LED, RED

Specifications

TAGS: LT5209



Push-to-test pilot light, Harmony
9001SK, plastic, polycarbonate,
fresnel lens, red, 30mm, LED red,
120V

9001SKT38LRR31

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony 9001SK
Product or Component Type	Push-to-test pilot light
Device short name	9001SK
Type of operator	spring return
Operator profile	Red projecting, unmarked

Complementary

Bezel material	Plastic
Mounting diameter	1.2 in (30 mm)
Shape of signaling unit head	Octagonal
Light source	LED
Light source	LED
Bulb base	BA 9s
Light block supply	Direct
[Us] rated supply voltage	120 V AC/DC
[Us] rated supply voltage	120 V AC/DC
Contacts type and composition	1 C/O
Connections - terminals	Screw clamp terminals 1 x 0.22...2 x 1.5 mm ² IEC 60947-1
Tightening torque	7.08 lbf.in (0.8 N.m) IEC 60947-1
shape of screw head	Cross slotted
Mechanical durability	5000000 cycles
Operating position	Any position
[Ie] rated operational current	0.55 A 125 V, DC-13, A600-Q600 NEMA
[Ui] rated insulation voltage	250 V 3)IEC 60947-1
[Uimp] rated impulse withstand voltage	2.5 kV IEC 60947-1
Contacts material	Silver alloy contacts
Positive opening	Without
Short-circuit protection	10 A cartridge fuse IEC 60947-5-1
[ith] conventional free air thermal current	10 A

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[Icm] rated short-circuit making capacity	12 KA 600 V AC-15, 7200 VA
	15 KA 480 V AC-15, 7200 VA
	30 KA 240 V AC-15, 7200 VA
	60 KA 120 V AC-15, 7200 VA
Rated breaking capacity	1.2 KA 600 V AC-15, 720 VA
	1.5 KA 480 V AC-15, 720 VA
	3 KA 240 V AC-15, 720 VA
	6 kA 120 V AC-15, 720 VA
	0.1 KA 600 V DC-13
	0.55 KA 125 V DC-13
Net Weight	0.430 lb(US) (0.195 kg)
Device presentation	Complete product
Cap/operator or lens colour	Red
Lens type	Fresnel
[Us] rated supply voltage	120 V
Light source colour	Red
Lens material	Polycarbonate
Size	30 mm

Environment

Standards	UL 508 CSA C22.2 No 14 JIS C8201-5-1 JIS C 852 IEC 60947-5-4 IEC 60947-1 IEC 60947-5-1 JIS C8201-1
Product Certifications	UL 508 NEMA
Protective treatment	TC
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Vibration resistance	7 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn IEC 60068-2-27
Electrical shock protection class	Class II conforming to IEC 61140
IP Degree of Protection	IP65 IP66
NEMA degree of protection	NEMA 1 NEMA 12 NEMA 13 NEMA 2 NEMA 3 NEMA 3R NEMA 4 NEMA 4X

Ordering and shipping details

Category	US10CS121429
Discount Schedule	OCS1
GTIN	785901044505
Returnability	Yes
Country of origin	MX

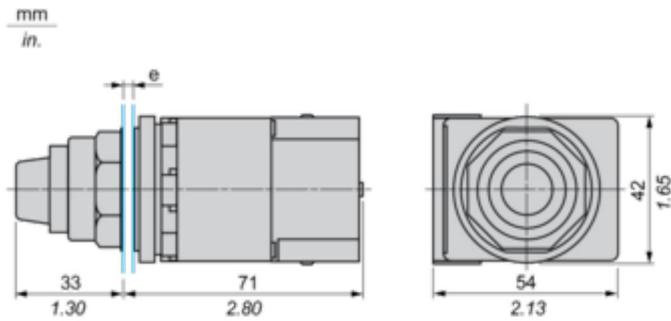
Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.00 in (5.08 cm)
Package 1 Width	2.300 in (5.842 cm)
Package 1 Length	4.50 in (11.43 cm)
Package weight(Lbs)	4.32 oz (122.47 g)

Contractual warranty

Warranty (in months) 18

Dimensions Drawings

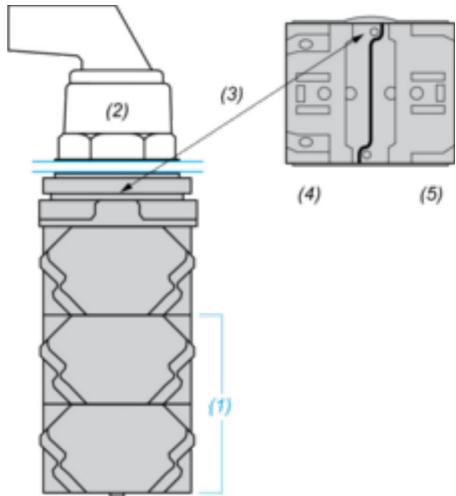
Dimensions

e panel thickness: 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

Contact Block Mounting Position

Top and Rear views



(1) It is possible to mount up to 3 levels of contacts blocks (maximum of 6 contacts blocks)

(2) Operator

(3) Locating notch

(4) Side 1

(5) Side 2

Product data sheet

PTT LIGHT, 120VAC LED, AMBER

Specifications

TAGS: LT5210



Push-to-test pilot light, Harmony
9001SK, plastic, polycarbonate,
fresnel lens, amber, 30mm, LED
yellow, 120V

9001SKT38LYA31

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony 9001SK
Product or Component Type	Push-to-test pilot light
Device short name	9001SK
Type of operator	spring return
Operator profile	Amber projecting, unmarked

Complementary

Bezel material	Plastic
Mounting diameter	1.2 in (30 mm)
Shape of signaling unit head	Octagonal
Light source	LED
Light source	LED
Bulb base	BA 9s
Light block supply	Direct
[Us] rated supply voltage	120 V AC/DC
[Us] rated supply voltage	120 V AC/DC
Contacts type and composition	1 C/O
Connections - terminals	Screw clamp terminals 1 x 0.22...2 x 1.5 mm ² IEC 60947-1
Tightening torque	7.08 lbf.in (0.8 N.m) IEC 60947-1
shape of screw head	Cross slotted
Mechanical durability	5000000 cycles
Operating position	Any position
[Ie] rated operational current	0.55 A 125 V, DC-13, A600-Q600 NEMA
[Ui] rated insulation voltage	250 V 3)IEC 60947-1
[Uiimp] rated impulse withstand voltage	2.5 kV IEC 60947-1
Contacts material	Silver alloy contacts
Positive opening	Without
Short-circuit protection	10 A cartridge fuse IEC 60947-5-1
[Ith] conventional free air thermal current	10 A

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

[Icm] rated short-circuit making capacity	12 kA 600 V AC-15, 7200 VA 30 kA 480 V AC-15, 7200 VA 60 kA 120 V AC-15, 7200 VA
Rated breaking capacity	1.2 kA 600 V AC-15, 720 VA 3 kA 480 V AC-15, 720 VA 6 kA 120 V AC-15, 720 VA 0.27 kA 250 V DC-13 0.55 kA 125 V DC-13
Net Weight	0.430 lb(US) (0.195 kg)
Device presentation	Complete product
Cap/operator or lens colour	Amber
Lens type	Fresnel
[Us] rated supply voltage	120 V
Light source colour	Yellow
Lens material	Polycarbonate
Size	30 mm

Environment

Standards	JIS C8201-5-1 CSA C22.2 No 14 IEC 60947-5-1 IEC 60947-5-4 IEC 60947-1 UL 508 JIS C 852 JIS C8201-1
Product Certifications	NEMA UL 508
Protective treatment	TC
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Vibration resistance	7 gn (f= 2...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn IEC 60068-2-27
Electrical shock protection class	Class II conforming to IEC 61140
IP Degree of Protection	IP65 IP66
NEMA degree of protection	NEMA 1 NEMA 12 NEMA 13 NEMA 2 NEMA 3 NEMA 3R NEMA 4 NEMA 4X

Ordering and shipping details

Category	US10CS121429
Discount Schedule	0CS1
GTIN	785901500582
Returnability	Yes
Country of origin	MX

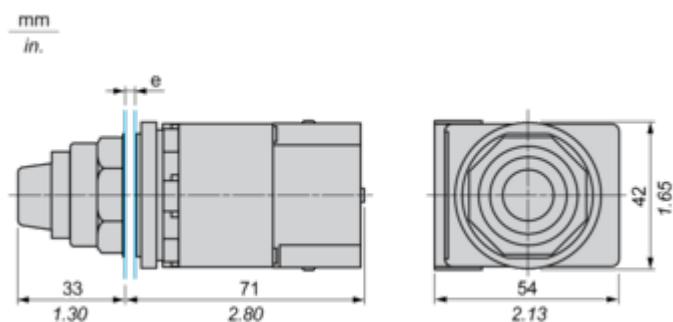
Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.969 in (5.000 cm)
Package 1 Width	2.362 in (6.000 cm)
Package 1 Length	4.488 in (11.400 cm)
Package weight(Lbs)	4.233 oz (120.000 g)
Unit Type of Package 2	S01
Number of Units in Package 2	12
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	5.906 in (15.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	3.616 lb(US) (1.640 kg)
Unit Type of Package 3	P12
Number of Units in Package 3	384
Package 3 Height	17.717 in (45.000 cm)
Package 3 Width	31.496 in (80.000 cm)
Package 3 Length	47.244 in (120.000 cm)
Package 3 Weight	142.154 lb(US) (64.480 kg)

Contractual warranty

Warranty (in months)	18
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Dimensions Drawings

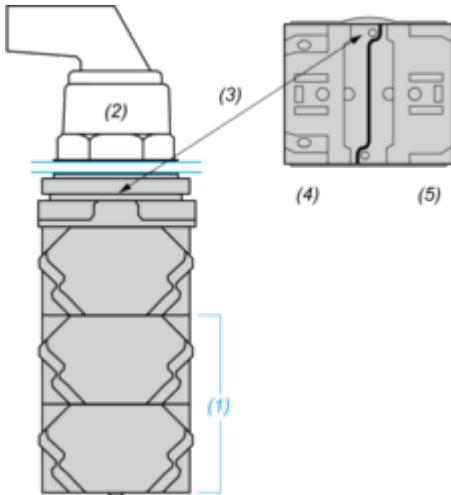
Dimensions

e panel thickness: 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

Contact Block Mounting Position

Top and Rear views



(1) It is possible to mount up to 3 levels of contacts blocks (maximum of 6 contacts blocks)

(2) Operator

(3) Locating notch

(4) Side 1

(5) Side 2

Data Sheet 3

Customer:	Johnston Construction
Reference:	Charles County Pomonkey Pump Station Improvements
Date:	01/26/2026
Qty	Description
1	<p>Mfg: Schneider Electric: Manual Overload Reset Pushbutton Model Number: XB4BA922</p> <p>Tags/Service: RESET / Secondary Fan Control Panel</p> <p>Specifications:</p> <ul style="list-style-type: none">• Chromium plated metal bezel• Zamak fixing collar material• Black flush, unmarked operator profile• 5.1...10.1" activating distance• NEMA 4X degree of protection• TH protective treatment

Product data sheet MANUAL OVERLOAD RESET PUSHBUTTON

Specifications

TAGS: RESET



XB4BA922

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony XB4
Product or Component Type	Manual overload reset push-button
Device short name	XB4
Bezel material	Chromium plated metal
Fixing collar material	Zamak
Head type	Standard
Mounting diameter	0.9 in (22.5 mm)
Operator profile	Black flush, unmarked
Activating distance	5.1...10.1 in (130...257 mm)

Complementary

Net Weight	0.157 lb(US) (0.071 kg)
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m
Shape of signaling unit head	Round
Operating travel	0.6 in (14 mm)
Mechanical durability	5000000 cycles

Environment

Protective treatment	TH
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Operation	-40...158 °F (-40...70 °C)
Electrical shock protection class	Class I conforming to IEC 60536
IP degree of protection	IP66 IEC 60529
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK03 conforming to IEC 50102
Standards	IEC 60947-5-5 JIS C8201-5-1 IEC 60947-1 CSA C22.2 No 14 IEC 60947-5-4 IEC 60947-5-1 UL 508 JIS C8201-1

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Product Certifications	CSA DNV BV LROS (Lloyds register of shipping) UL Listed
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Ordering and shipping details

Category	US10CS222468
Discount Schedule	0CS2
GTIN	3389110102147
Returnability	Yes
Country of origin	FR

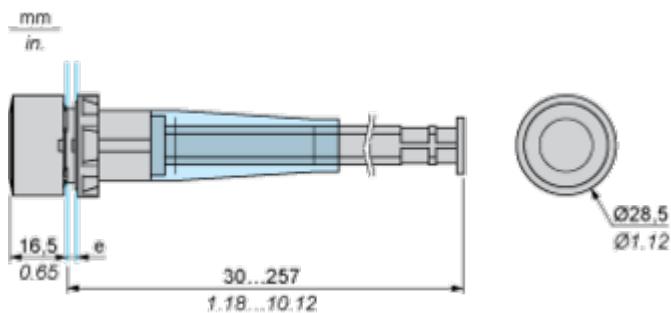
Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.4 in (3.5 cm)
Package 1 Width	2.4 in (6.0 cm)
Package 1 Length	5.3 in (13.5 cm)
Package weight(Lbs)	2.5 oz (71.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	40
Package 2 Height	5.9 in (15.0 cm)
Package 2 Width	11.8 in (30.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	7.264 lb(US) (3.295 kg)

Contractual warranty

Warranty (in months)	18
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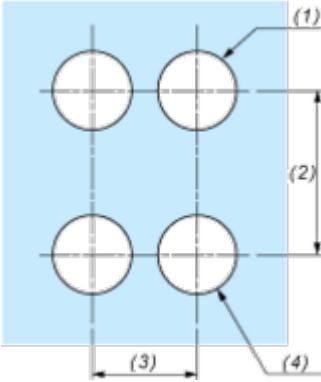
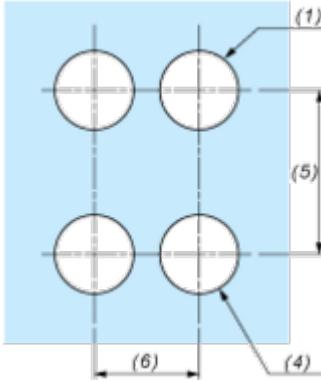
Dimensions Drawings

Dimensions

e: panel thickness: 1 to 6 mm / 0.04 to 0.24 in.

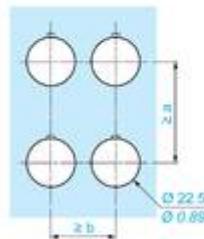
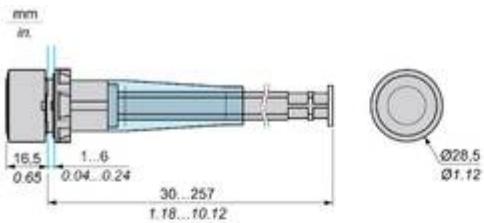
Mounting and Clearance

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board	Connection by Faston Connectors
 <p>(1) Diameter on finished panel or support (2) 40 mm min. / 1.57 in. min. (3) 30 mm min. / 1.18 in. min. (4) Ø 22.5 mm / 0.89 in. recommended ($\varnothing 22.3 \text{ mm }_0^{+0.4} / 0.88 \text{ in. }_0^{+0.016}$) (5) 45 mm min. / 1.78 in. min. (6) 32 mm min. / 1.26 in. min.</p>	 <p>(1) Diameter on finished panel or support (2) 40 mm min. / 1.57 in. min. (3) 30 mm min. / 1.18 in. min. (4) Ø 22.5 mm / 0.89 in. recommended ($\varnothing 22.3 \text{ mm }_0^{+0.4} / 0.88 \text{ in. }_0^{+0.016}$) (5) 45 mm min. / 1.78 in. min. (6) 32 mm min. / 1.26 in. min.</p>

Technical Illustration

Dimensions



		a (mm)	a (in.)	b (mm)	b (in.)
ZBE*****	ZBV*****	40	1.57	30	1.18
ZBE*****3	ZBV*****3	45	1.77	32	1.26
ZBE*****4	ZBV*****4	40	1.57	30	1.18
ZBE*****5	ZBV*****5	50	1.97	30	1.18
ZBE*****9	ZBV*****9	40	1.57	30	1.18
ZBRT*	ZBRV1	40	1.57	30	1.18

Data Sheet 4

Customer:	Johnston Construction
Reference:	Charles County Pomonkey Pump Station Improvements
Date:	01/26/2026
Qty	Description
1	<p>Mfg: Schneider Electric: 3 Position Switch, Black Model Number: 9001SKS43BH13</p> <p>Tags/Service: SS5205 / Secondary Fan Control Panel</p> <p>Specifications:</p> <ul style="list-style-type: none">• Black standard knob operator profile• Stay put operator• 1 C/O contact composition• NEMA 4X degree of protection

Product data sheet

3 POSITION SWITCH, BLACK

Specifications

TAGS: SS5205



30mm Push Button, Type SK,
selector switch, 3 position, C cam,
black knob, 1NO and 1NC

9001SKS43BH13

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony 9001SK
Product or Component Type	Selector switch
Device short name	9001SK
Type of operator	stay put
Operator profile	Black standard knob

Complementary

Bezel material	Plastic
Mounting diameter	1.2 in (30 mm)
Operator position information	3 positions
Contacts type and composition	1 C/O
Product compatibility	9001KA1 side 1 or 2
Device presentation	Complete product
Cap/operator or lens colour	Black
Operator profile	Standard handle
Type of operator	Stay put
Size	30 mm
Cam profile	3

Environment

Protective treatment	TC
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Electrical shock protection class	Class II conforming to IEC 61140
IP Degree of Protection	IP65 IP66
NEMA degree of protection	NEMA 3R/4X/13
Product Certifications	UL listed file E42259 CCN NKCR CSA LR24590 class 3211 03 CE

Ordering and shipping details

Category	US10CS121429
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Discount Schedule	0CS1
GTIN	785901043720
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.900 in (4.826 cm)
Package 1 Width	2.200 in (5.588 cm)
Package 1 Length	3.700 in (9.398 cm)
Package weight(Lbs)	3.040 oz (86.183 g)

Contractual warranty

Warranty (in months)	18
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Data Sheet 5

Customer:	Johnston Construction
Reference:	Charles County Pomonkey Pump Station Improvements
Date:	01/26/2026
Qty	Description
1	<p>Mfg: Square D: Main Circuit Breaker, 15A Model Number: BGL26015</p> <p>Tags/Service: CB5201 / Secondary Fan Control Panel</p> <p>Specifications:</p> <ul style="list-style-type: none">• 15A line rated current• 2 pole circuit breaker• Toggle control type• 65kA breaking capacity• 65kA rated service breaking capacity• Thermal-magnetic trip unit technology• 80% continuous current rating• 20000 cycle mechanical durability• 10000 cycle electrical durability

Product data sheet

MAIN CIRCUIT BREAKER, 15A

Specifications

TAGS: CB5201



Circuit breaker, PowerPact B, 15A, 2 pole, 600Y/347VAC, 18kA, lugs, thermal magnetic, 80%

BGL26015

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range	PowerPact
Product name	PowerPact B
Device short name	BG 015
Product or Component Type	Circuit breaker
Device Application	Distribution

Complementary

Line Rated Current	15 A
Number of Poles	2P
Control Type	Toggle
Breaking capacity code	G
Breaking capacity	65 kA 208Y/120 V AC 50/60 Hz UL 489 65 kA 240 V AC 50/60 Hz UL 489 35 kA 480/277 V AC 50/60 Hz UL 489 35 kA 480 V AC 50/60 Hz UL 489 18 kA 250 V DC UL 489 20 kA 600Y/347 V AC 50/60 Hz UL 489
[Ue] rated operational voltage	525 V AC 50/60 Hz UL 489
Network Frequency	50/60 Hz
[Ics] rated service breaking capacity	65 kA 220...240 V AC 50/60 Hz IEC 60947-2 18 kA 500...525 V AC 50/60 Hz IEC 60947-2 35 kA 380...415 V AC 50/60 Hz IEC 60947-2 35 kA 440 V AC 50/60 Hz IEC 60947-2
[Uiimp] rated impulse withstand voltage	8 kV IEC 60947-2
Trip unit technology	Thermal-magnetic
Continuous current rating	80 %
[Ui] rated insulation voltage	800 V IEC 60947-2
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
Mechanical durability	20000 cycles IEC 947-1 Annex K ed 5.2
Electrical durability	10000 cycles IEC 947-1 Annex K ed 5.2 440 V In
Connection pitch	1.06 in (27 mm)
AWG gauge	AWG 6...AWG 2/0 fine stranded aluminium/copper AWG 14...AWG 3/0 rigid or stranded aluminium/copper
Local signalling	Presence of auxiliary contacts flag green)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Mounting mode	Clip-on 35 x 15 mm symmetrical DIN rail) By screws plate)
Electrical connection	Everlink lug, line Everlink lug, load
Tightening torque	44.3 lbf.in (5 N.m) 0.004...0.02 in ² (2.5...16 mm ²) (AWG 14...AWG 4) 79.7 lbf.in (9 N.m) 0.04...0.1 in ² (25...95 mm ²) (AWG 3...AWG 3/0)
Number of slots	1 auxiliary switch OF plug-in) 1 voltage release MN or MX plug-in)
Power wire stripping length	0.8 in (20 mm)
Color	Gray RAL 7016)
9 mm pitches	6
Height	5.4 in (137 mm)
Width	2.1 in (54 mm)
Depth	3.1 in (80 mm)
Net Weight	1.695 lb(US) (0.769 kg)
Quantity per Set	Set of 1
Circuit breaker application	HACR rated

Environment

Quality labels	CE
Standards	NEMA AB1 UL 489 GB 14048.2 NMX J-266 EN/IEC 60947-2 EN/IEC 60947-5-1 CSA C22.2 No 5
Product certifications	UL IEC CCC EAC CSA NOM
IP degree of protection	Front cover IP40 IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Pollution degree	3 IEC 60947-1
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-58...185 °F (-50...85 °C)
Operating altitude	< 6561.68 ft (2000 m) without derating 5000 m with derating

Ordering and shipping details

Category	US10DE201131
Discount Schedule	0DE2
GTIN	3606481154019
Returnability	No
Country of origin	MX

Packing Units

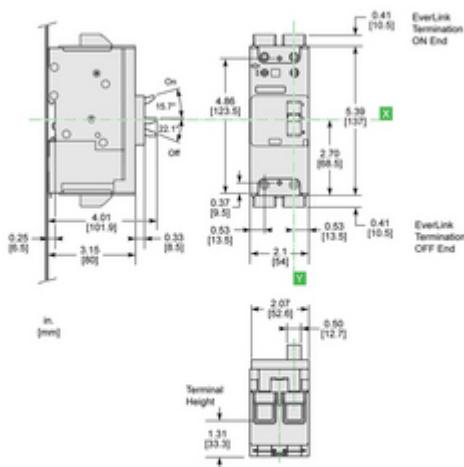
Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.4 in (6.1 cm)
Package 1 Width	6.5 in (16.5 cm)
Package 1 Length	10.2 in (25.9 cm)
Package weight(Lbs)	35.04 oz (993.4 g)

Contractual warranty

Warranty (in months)	18
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Technical Illustration

Dimensions



(L) TERMINATION OPTION - EverLink (ON end) / EverLink (OFF end)
ALL DIMENSIONS ARE APPROXIMATE.
ALSO REFER TO CAD, TECHNICAL DRAWINGS, AND DOCUMENTATION

Data Sheet 6

Customer:	Johnston Construction
Reference:	Charles County Pomonkey Pump Station Improvements
Date:	01/26/2026
Qty	Description
1	<p>Mfg: Weidmuller: Circuit Breaker, 120VAC, 2A Model Number: 7940102572</p> <p>Tags/Service: CB5204 / Secondary Fan Control Panel</p> <p>Specifications:</p> <ul style="list-style-type: none">• 120VAC operating voltage• 2A current rating• 10kA interrupting capacity• 100MΩ insulation resistance• 10000 mechanical operations operating life• -40...65°C operating temperature range

Datasheet

QL Series Hydraulic-Magnetic Miniature Circuit Breakers



Dual mount - 1 pole



DIN mount - 2 pole



Dual mount + auxiliary

Features

- AC Circuit Breaker
- Hydraulic-Magnetic technology
- 100% rating capability, independent of ambient temperature
- One, two and three pole (UL). One, two, three pole and 1+N, 3+N (VDE).
- VDE and CCC approved, CE certified
- UL 489 Listed, CSA 22.2 certified
- Ratings 0.5A to 25A
- Optional Auxiliary Switch / Trip Alarm - factory fitted (6.5 mm wide)
- Wide range of time delays and operating currents
- Precision tripping characteristics
- Ultra compact – 13 mm wide module
- Trip indication with mid-trip handle
- Reset immediately after overload
- DIN mount product in grey shells
- Dual mount product in black shells
- Ring terminal ready (terminal screw is removable)

Applications:

- AC branch circuit protection (UL 489, IEC / EN 60847-2)
- ~~• Telecom / datacom equipment~~
- ~~• Lighting control~~
- ~~• UPS equipment~~
- ~~• Alternative energy equipment~~
- ~~• Mobile power generation equipment~~
- ~~• Power conditioning equipment~~

Auxiliary Switch, Trip Alarm & Combo Features

- Factory fitted
- Attached to right hand side of Circuit Breaker
- Compact 6.5 mm width
- AC or DC voltages
- UL 489 listed (Auxiliary Switch: 6 A 240VAC, 0.5 A 110VDC)
- IEC 60947-5-1 approved (Auxiliary Switch: 6 A 240 V AC, 0.5 A 110 V DC; Trip Alarm: 6 A 240 V AC, 0.5 A 110 V DC)

Optional Accessories

- Auxiliary Switch (DIN and Dual Mount)
- Auxiliary Switch + Trip Alarm (Dual Mount only)
- Trip Alarm (Dual Mount only)
- Handle lock
- Surface mounting clips
- Busbar
- 57 mm Escutcheon blank (Dual Mount only)
- 57 mm Safety blank (Dual Mount only)

Approvals

Technical data

Approvals	IEC / EN 60947-2, VDE						
Number of poles	1	2 (1+N)	2	3			
Operating voltages	240 V AC	240 V AC	415 V AC	415 V AC			
Minimum current rating			0.5 A				
Maximum current rating			25 A				
Interrupting capacity			6 kA				
Operating temperature range		-40°C to +85°C					
Mounting options	DIN Rail, Dual mounting (DIN & Mini), surface mounting clip						
Time delay curves	1, 3, 9, KM, OP						

Approvals	UL 489						
Number of poles	1	1	2	3			
Operating voltages	120 V AC	240 V AC	120 / 240 V AC	240 V AC			
Minimum current rating			0.5 A				
Maximum current rating	25 A	25 A	25 A	25 A			
Ampere interrupting capacity (AIC)	10 kA	5 kA	10 kA	5 kA			
Operating temperature range		-40°C to +85°C					
Mounting options	DIN Rail, Dual mounting (DIN & Mini), surface mounting clip						
Time delay curves	1, 3, 9, KM, OP						

Insulation coordination and general data	
Endurance	10000 operations; 1500 electrical at rated current, 8500 without current (IEC 60947-2 Clause 7.2.4.2)* 6000 electrical operations (UL 489 Clause 7.1.9)*
Dielectric strength	1000-2000 Vac for one minute (IEC 60947-2 Clause 8.3.3.3)* 1000 Vac plus twice the rated voltage for one minute (UL 489 Clause 7.1.9)*
Rated impulsive withstand voltage	4 kV (IEC 60947-2)
Weight	102 g per pole, 160 g with auxiliary (unpacked)
Altitude	Certification tests done at altitude = 2000 metres. Will operate at higher altitudes.
Shock	8 G (IEC 60068-2-6) (sinusoidal wave)
Vibration	0.5 G (IEC 60068-2-6) (sinusoidal wave)
Flammability	I3 - Ignition does not persist at 850°C after glow wire is withdrawn with an oxygen index of ≥ 28
Toxicity	F1 - Smoke index of ≤ 20 which determines the fumes class
Pollution degree	PD2 - Normally only non-conductive pollution occurs. Temporary conductivity caused by condensation is to be expected.

Breaker: QL	Wire Size mm ² (IEC)	Wire Gauge (UL)	Torque (IEC)	Torque (UL)	Comments
Main terminals	0.75 - 35 mm ²	18 - 3 - AWG	2.5 Nm	20 in-lb	Pozidriv #2 Combi head

Long code

Example code: QL-AT-3-13-D-KM-15-R

Group	1	2	3	4	5	6	7	8	9	10		
Requirement	QL Frame	Switch / Neutral	Auxiliary + Trip Alarm	Triple pole	13 mm module width	DIN Mounting	Medium delay curve KM	Current Rating 15 A	No Shunt Trip	Ring Terminal		
Long Code	QL	-	AT	3	13	DM	KM	15.0	-	R		
<hr/>												
Group 1: Frame Type	Code	Description					Comments					
	QL	13 mm wide Miniature Circuit Breaker					UL 489, IEC / EN 60947-2, VDE, CE, CCC					
Group 2: Switch/Neutral	Code	Description					Comments					
	-	Not applicable					Overload poles do not have any further coding					
	N	Neutral					Green Handle					
Group 3: Auxiliary	Code	Description					Comments					
	-	Not applicable					Use this code if no Auxiliary used					
	A	Auxiliary Switch (1 x Aux in 1 module)					6.5 mm module fitted on right hand side (DIN & Dual Mount)					
	T	Trip Alarm (1 x Trip Alarm in 1 module)					6.5 mm module fitted on right-hand side (Dual Mount only)					
	AT	Auxiliary Switch + Trip Alarm combo (combined in 1 module)					6.5 mm module fitted on right-hand side (Dual Mount only)					
Group 4: No of Poles	Code	Description					Comments					
	1	Single pole										
	2	Double pole					2 pole or 1+N					
	3	Triple pole										
	4	Four pole					3+N only					
Group 5: Module Width	Code	Description					Comments					
	(13)	13 mm module width					13 mm per pole					
Group 6: Mounting	Code	Description					Comments					
	D	DIN rail mount					DIN mount supplied in grey only - 45 mm Escutcheon, grey body					
	DM	Dual mount					Dual mount supplied in black only - 57 mm Escutcheon, black body					
Group 7: Time Delays	Code	Description					Instantaneous Trip Point (x In)		Comments			
	1	Long time delay, high instantaneous trip					10 – 20		Orange handle			
	3	Short time delay					3 – 5		White handle			
	9	Long time delay					7 – 12		White handle			
	KM	Medium time delay					6 – 12		White handle			
	OP	Instantaneous					None		White handle			
Group 8: Current Ratings	Code	Description					Comments					
	0.5, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 15, 16, 20, 25 A						Ratings available vary depending on certification * Other ratings are available as special orders. Check availability.					
Group 9: Shunt Trip (not certified, only offered as special order)	Code	Description					Comments					
	-	Not applicable					If no shunt trip is required					
	U0	12 Vdc Shunt trip (Flying Leads)					Flying leads (+/- 60 mm long)					
	U1	24 Vdc Shunt trip (Flying Leads)					Recommended pulse duration 100 ms to 60 s					
	U2	48 Vdc Shunt trip (Flying Leads)					Note: Shunt trip carries no approvals - available as a special offer only					
	U3	60 Vdc Shunt trip (Flying Leads)										
	U4	110 Vdc & 110 – 230 Vac Shunt Trip (Fly Leads)										
Group 10: Special Termination	Code	Description					Comments					
	R	Ring Terminal ready					Terminal Screw is removable. Ring lug (5 mm)					

QL Series Single Pole**Type: Single Pole (up to 240 VAC)**

Current Ratings (amps)	Description	Order Number
0.5	QL-1-13-DM-KM-0.5	7940102571
1	QL-1-13-DM-KM-1.0	7940125379
2	QL-1-13-DM-KM-2.0	7940102572
3	QL-1-13-DM-KM-3.0	7940102573
4	QL-1-13-DM-KM-4.0	7940102574
5	QL-1-13-DM-KM-5.0	7940102575
6	QL-1-13-DM-KM-6.0	7940102576
7	QL-1-13-DM-KM-7.0	7940102577
8	QL-1-13-DM-KM-8.0	7940102578
9	QL-1-13-DM-KM-9.0	7940102579
10	QL-1-13-DM-KM-10.0	7940102580
13	QL-1-13-DM-KM-13.0	7940102581
15	QL-1-13-DM-KM-15.0	7940102582
16	QL-1-13-DM-KM-16.0	7940102583
20	QL-1-13-DM-KM-20.0	7940102584
25	QL-1-13-DM-KM-25.0	7940102585

**QL Series Single Pole
(long time delay/high instant trip)****Type: Single Pole (up to 240 VAC)
(long time delay/high instant trip)**

Current Ratings (amps)	Description	Order Number
1	QL-1-13-DM-1-1.0	7940115210
2	QL-1-13-DM-1-2.0	7940112653
3	QL-1-13-DM-1-3.0	7940115283
4	QL-1-13-DM-1-4.0	7940115284
5	QL-1-13-DM-1-5.0	7940113986
6	QL-1-13-DM-1-6.0	7940115211
7	QL-1-13-DM-1-7.0	7940114950
8	QL-1-13-DM-1-8.0	7940115282
10	QL-1-13-DM-1-10.0	7940102587
15	QL-1-13-DM-1-15.0	7940113987
16	QL-1-13-DM-1-16.0	7940114409
20	QL-1-13-DM-1-20.0	7940102588
25	QL-1-13-DM-1-25.0	7940112654

QL Series Double Pole**Type: Double Pole (up to 240 VAC)**

Current Ratings (amps)	Description	Order Number
0.1	QL-2-13-DM-KM-0.1	7940115220
0.5	QL-2-13-DM-KM-0.5	9926252000
1	QL-2-13-DM-KM-1.0	7940102643
2	QL-2-13-DM-KM-2.0	7940102644
3	QL-2-13-DM-KM-3.0	7940102645
4	QL-2-13-DM-KM-4.0	7940102646
5	QL-2-13-DM-KM-5.0	7940102647
6	QL-2-13-DM-KM-6.0	9926252006
7	QL-2-13-DM-KM-7.0	7940102649
8	QL-2-13-DM-KM-8.0	7940102650
10	QL-2-13-DM-KM-10.0	9926252010
12	QL-2-13-DM-KM-12.0	7940115938
13	QL-2-13-DM-KM-13.0	7940102652
15	QL-2-13-DM-KM-15.0	9926252015
16	QL-2-13-DM-KM-16.0	7940102654
20	QL-2-13-DM-KM-20.0	7940126749
25	QL-2-13-DM-KM-25.0	7940102656

**QL Series Double Pole
(long time delay/high instant trip)****QL Series Triple Pole****Type: Triple Pole (up to 240 VAC)**

Current Ratings (amps)	Description	Order Number
1	QL-3(13)-DM-KM-1.0	7940102691
2	QL-3(13)-DM-KM-2.0	7940102692
5	QL-3-13-DM-KM-5.0	7940102693
10	QL-3-13-DM-KM-10.0	7940104412
15	QL-3-13-DM-KM-15.0	7940102694
20	QL-3-13-DM-KM-20.0	7940102695
25	QL-3-13-DM-KM-25.0	7940102696

QL Series Single Pole w/ Auxiliary Contact**Type: Single Pole (up to 120 VAC)**

Current Ratings (amps)	Description	Order Number
1	QL-A-1-13-DM-KM-1.0	7940102708
2	QL-A-1-13-DM-KM-2.0	7940102709
3	QL-A-1-13-DM-KM-3.0	7940102710
5	QL-A-1-13-DM-KM-5.0	7940102711
10	QL-A-1-13-DM-KM-10.0	7940102712
15	QL-A-1-13-DM-KM-15.0	7940102713
20	QL-A-1-13-DM-KM-20.0	7940102714
25	QL-A-1-13-DM-KM-25.0	7940102715

QL Series Double Pole w/ Auxiliary Contact**Type: Double Pole (up to 240 VAC)**

Current Ratings (amps)	Description	Order Number
1	QL-A-2-13-DM-KM-1.0	7940114041
2	QL-A-2-13-DM-KM-2.0	7940119828
5	QL-A-2-13-DM-KM-5.0	7940119829
15	QL-A-2-13-DM-KM-15.0	7940119830
20	QL-A-2-13-DM-KM-20.0	7940119831

QL Series Single Pole (Alarm Contact)**Type: Single Pole (up to 120 VAC)**

Current Ratings (amps)	Description	Order Number
1	QL-T-1-13-DM-KM-1.0	7940114042
2	QL-T-1-13-DM-KM-2.0	7940114043
5	QL-T-1-13-DM-KM-5.0	7940114044
10	QL-T-1-13-DM-KM-10.0	7940102724
15	QL-T-1-13-DM-KM-15.0	7940114045
20	QL-T-1-13-DM-KM-20.0	7940114046
25	QL-T-1-13-DM-KM-25.0	7940114047

QL Series Double Pole (Alarm Contact)**Type: Double Pole (up to 240 VAC)**

Current Ratings (amps)	Description	Order Number
1	QL-T-2-13-DM-KM-1.0	7940114048
2	QL-T-2-13-DM-KM-2.0	7940114049
5	QL-T-2-13-DM-KM-5.0	7940114050
10	QL-T-2-13-DM-KM-10.0	7940114051
15	QL-T-2-13-DM-KM-15.0	7940114052
20	QL-T-2-13-DM-KM-20.0	7940114053
25	QL-T-2-13-DM-KM-25.0	7940114054

QL Series Triple Pole (Alarm Contact)**Type: Triple Pole (up to 240 VAC)**

Current Ratings (amps)	Description	Order Number
1	QL-T-3(13)-DM-KM-1.0	7940115448
2	QL-T-3(13)-DM-KM-2.0	7940115449
5	QL-T-3(13)-DM-KM-5.0	7940115450
10	QL-T-3(13)-DM-KM-10.0	7940115451
15	QL-T-3(13)-DM-KM-15.0	7940115452
20	QL-T-3(13)-DM-KM-20.0	7940115453
25	QL-T-3(13)-DM-KM-25.0	7940115454

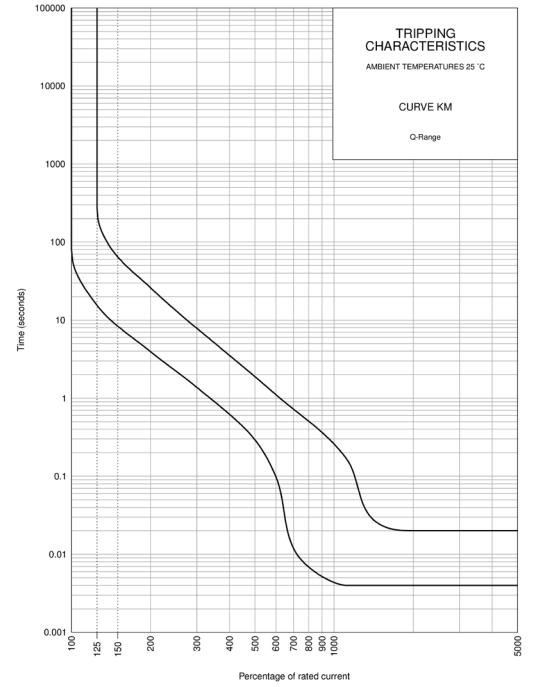
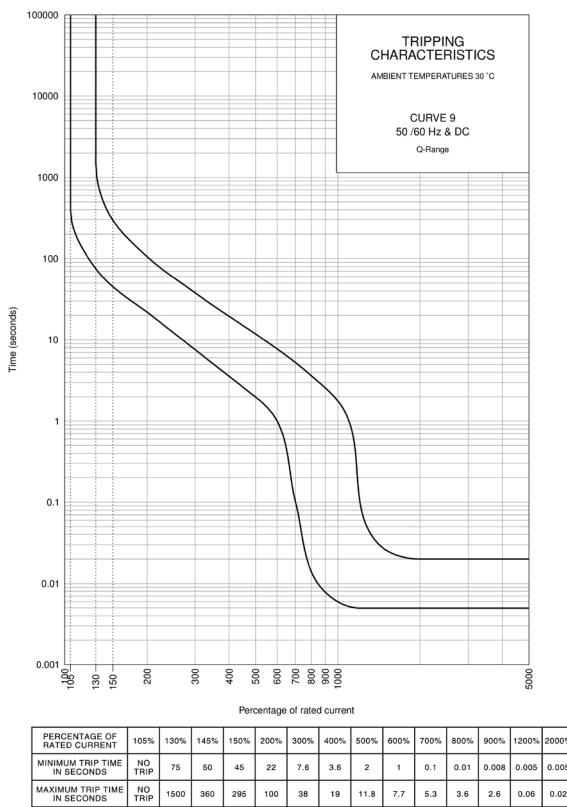
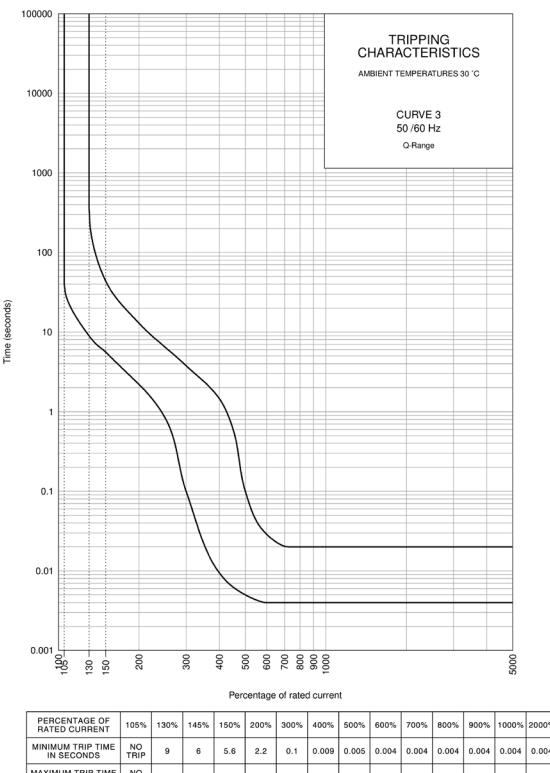
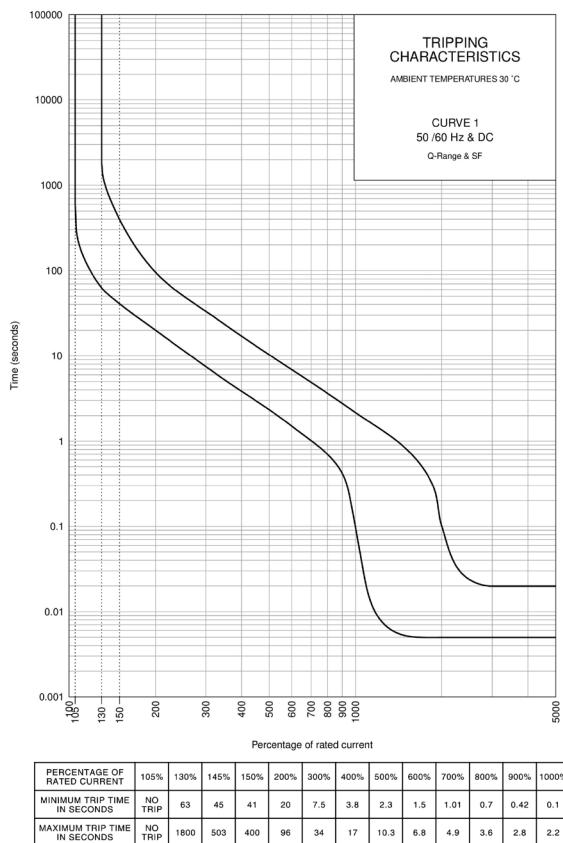
QL Series Single Pole Combination (Auxiliary & Alarm Contact)**Type: Single Pole (up to 120 VAC)**

Current Ratings (amps)	Description	Order Number
1	QL-AT-1-13-DM-KM-1.0	7940114055
5	QL-AT-1-13-DM-KM-5.0	7940102725
10	QL-AT-1-13-DM-KM-10.0	7940102726
15	QL-AT-1-13-DM-KM-15.0	2853970000
20	QL-AT-1-13-DM-KM-20.0	7940114056
25	QL-AT-1-13-DM-KM-25.0	7940114057

QL Series Double Pole Combination (Auxiliary & Alarm Contact)**Type: Double Pole (up to 240 VAC)**

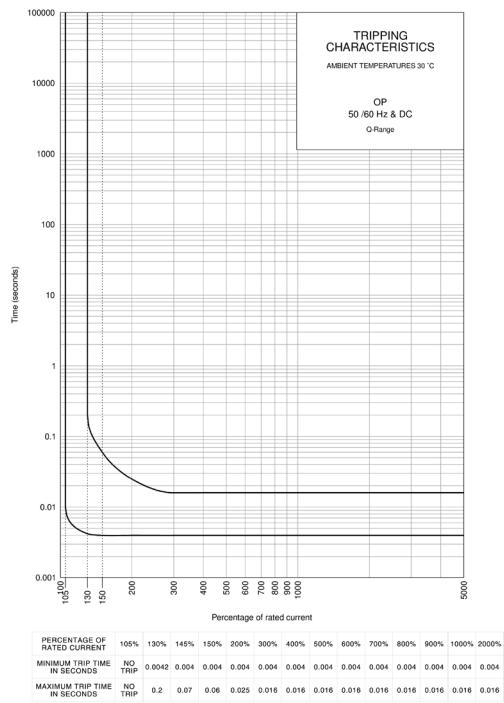
Current Ratings (amps)	Description	Order Number
1	QL-AT-2-13-DM-KM-1.0	7940114058
2	QL-AT-2-13-DM-KM-2.0	7940114059
10	QL-AT-2-13-DM-KM-10.0	7940126754
15	QL-AT-2-13-DM-KM-15.0	7940102727
20	QL-AT-2-13-DM-KM-20.0	7940114060
25	QL-AT-2-13-DM-KM-25.0	7940114061

Time Delay Curves

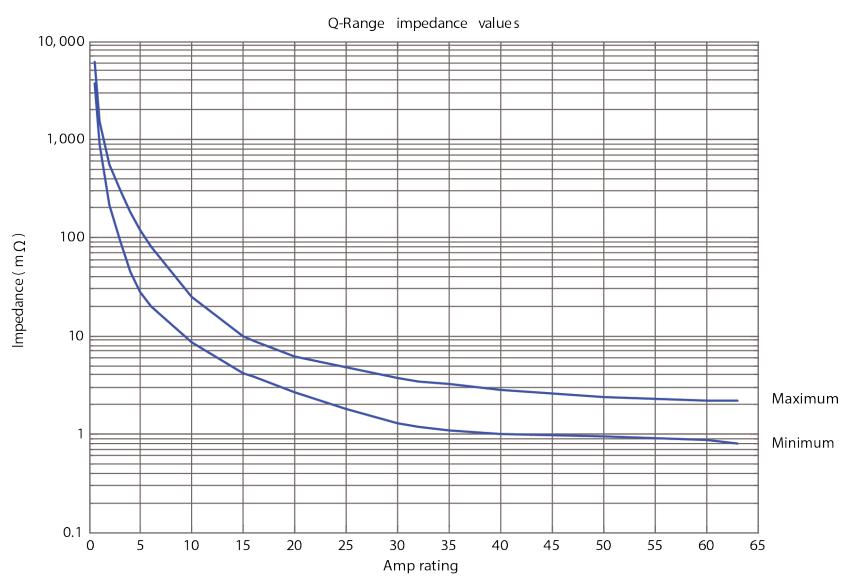


PERCENTAGE OF RATED CURRENT	100%	125%	130%	145%	200%	300%	400%	500%	600%	700%	800%	900%	1000%	2000%
MINIMUM TRIP TIME IN SECONDS	NO TRIP	16	13.2	9.2	26	1.4	0.6	0.3	0.1	0.01	0.006	0.005	0.004	0.004
MAXIMUM TRIP TIME IN SECONDS	NO TRIP	279	140	74	4	7.8	3.5	1.9	1.1	0.7	0.5	0.36	0.25	0.02

Time Delay Curves

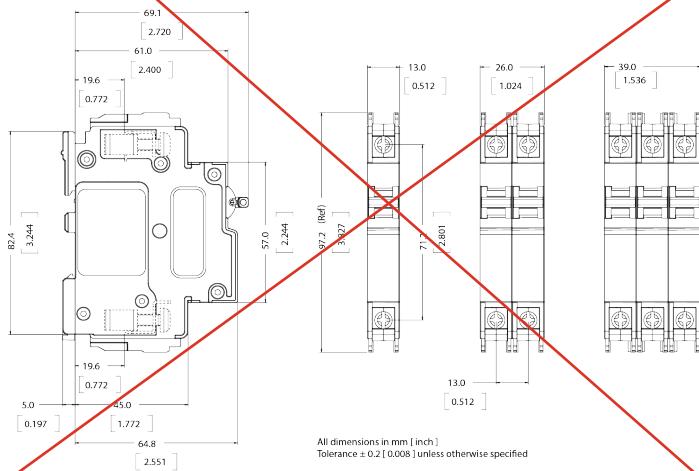


Internal Impedance vs Current Rating

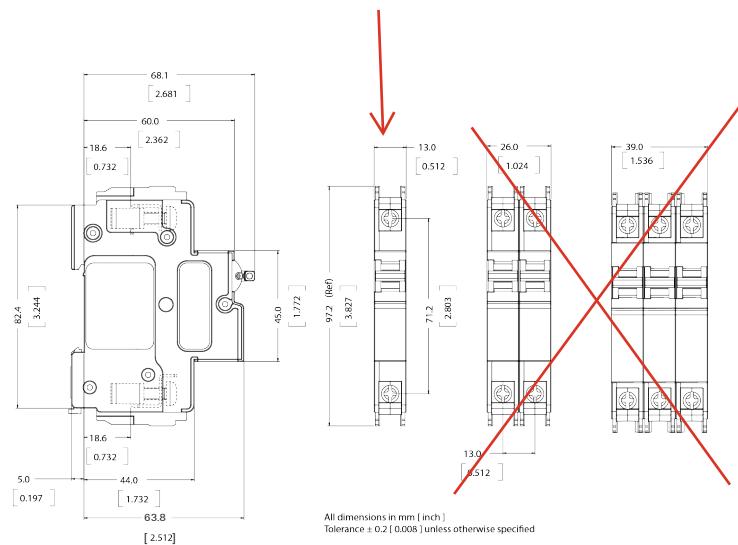


* The published time delay curves are generated at 30°C ambient temperature with the Circuit Breaker mounted in the up-right position. The "must hold", "must trip" and "instantaneous trip" current values are not affected by temperature, although delay time for the other operating current values may have to be adjusted using the temperature compensation curve which is available on request.

Outline Dimensions: Dual mount



Outline Dimensions: DIN mount



Data Sheet 7

Customer:	Johnston Construction
Reference:	Charles County Pomonkey Pump Station Improvements
Date:	01/26/2026
Qty	Description
1	<p>Mfg: Square D: NEMA Motor Starter / Overload Model Number: 8536-SAO11V02ES</p> <p>Tags/Service: M5205 / Secondary Fan Control Panel</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Non-reversing starter type • NEMA size 00 • 9A rated current • 0.33HP at 115VAC • 120VAC 60 Hz coil voltage • Open enclosure type
1	<p>Mfg: Square D: Thermal Motor Overload Model Number: B9.10</p> <p>Tags/Service: OL5201 / Secondary Fan Control Panel</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Class 20 motor tripping class • Melting alloy thermal overload type

Product data sheet

NEMA MOTOR STARTER / OVERLOAD

Specifications

TAGS: M5205

SQUARE D



NEMA Motor Starter, Type S, nonreversing, Size 00, 9A, 1 HP at 230 VAC, up to 65 kA SCCR, 1 phase, 2 pole, bimetal, 120 VAC coil, open [TAA]

8536SAO11V02ES

Main

Product Type	Motor starter
Product Range	S
Starter Type	Non reversing

Complementary

NEMA Size	00
Rated Current	9 A
Number of Poles	2P
Maximum Voltage Rating	600 V AC
Phase	1 phase
Type of Overload	IEC adapted Bi-metal 3
Horsepower Rating	0.33 HP 115 V AC 1 HP 230 V AC
SCCR	Circuit-breaker 15 A maximum, SCCR: 65 kA at 480 V AC Circuit-breaker 15 A maximum, SCCR: 50 kA at 600 V AC Fuse J 30 A maximum, SCCR: 65 kA at 600 V AC Fuse CC 30 A maximum, SCCR: 65 kA at 600 V AC
Coil Voltage	110 V AC 50 Hz 120 V AC 60 Hz
Control Circuit Type	Separate control circuit
Control Units	No control units
Pilot Light	Without pilot light
Auxiliary Contacts	Without
Terminal Type	Screw clamp terminals
Height	6.81 in (172.96 mm)
Width	3.50 in (88.90 mm)
Depth	4.22 in (107.19 mm)

Environment

Enclosure Type	Not rated (open device)
Certifications	UL Listed CSA NEMA

Ordering and shipping details

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Category	21191 - 8502,36 SA,SB(NOT S*R,T,W)
Discount Schedule	CP1
GTIN	785901145240
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.50 in (11.43 cm)
Package 1 Width	6.00 in (15.24 cm)
Package 1 Length	8.100 in (20.574 cm)
Package weight(Lbs)	3.360 lb(US) (1.524 kg)

Compliance

Compliance	TAA
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Contractual warranty

Warranty (in months)	18
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Product data sheet

THERMAL MOTOR OVERLOAD

Specifications

TAGS: OL5201

SQUARE D

Thermal Unit, Type S, Type B,
melting alloy, Class 20



B9.10

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	B
Thermal overload type	Melting alloy
Motor tripping class	20

Ordering and shipping details

Category	US10CP121781
Discount Schedule	OCP1
GTIN	785901587460
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	0.800 in (2.032 cm)
Package 1 Width	1.200 in (3.048 cm)
Package 1 Length	2.50 in (6.35 cm)
Package weight(Lbs)	0.80 oz (22.68 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	6
Package 2 Height	0.800 in (2.032 cm)
Package 2 Width	3.400 in (8.636 cm)
Package 2 Length	4.900 in (12.446 cm)
Package 2 Weight	4.480 oz (127.006 g)

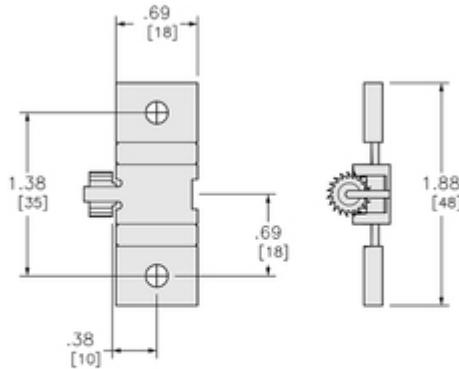
Contractual warranty

Warranty (in months)	18
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Technical Illustration

Dimensions

ALL DIMENSIONS ARE APPROXIMATE.
ALSO SEE CAD, TECHNICAL DRAWINGS, AND DOCUMENTATION.

Data Sheet 9

Customer:	Johnston Construction
Reference:	Charles County Pomonkey Pump Station Improvements
Date:	01/26/2026
Qty	Description
1	<p>Mfg: Square D: Repeat Cycle Timer, 0.5 Sec to 999 Hours Model Number: 9050JCK70V20</p> <p>Tags/Service: RCT / Secondary Fan Control Panel</p> <p>Specifications:</p> <ul style="list-style-type: none"> • 120VAC operating voltage • 0.5 second to 999 hour programmable timing range • 3 VA power burden • 10 million mechanical operations operating life • 100,000 electrical operations operating life • Silver nickel contact material
1	<p>Mfg: Square D: RELAY SOCKET, 120VAC, 11 PIN, DIN Model Number: 8501NR61</p> <p>Tags/Service: RCT / Secondary Fan Control Panel</p> <p>Specifications:</p> <ul style="list-style-type: none"> • DIN rail mounted relay socket • Single tiered screw clamp terminal electrical connection • 15A rated at 300VAC

Timing Functions

	Class 9050 Type	JCK1•/ JCK60	JCK2•	JCK3•	JCK4•	JCK5•	JCK70
Timing Functions	On Delay						
	Off Delay						
	Off Delay Power Trigger						
	Interval						
	One Shot						
	One Shot Power Trigger						
	Repeat Cycle-Off						
	Repeat Cycle-On						
	On/Off Delay						
	One Shot Falling Edge						
Watchdog							
Trigger On Delay							
Number of Pins		8	11	8	11	8	11

9050JCK Electronic Timing Functions

Function	Description	Timing Diagram
On Delay	When the input voltage is applied, the time delay begins. Relay contacts change state after time delay is complete. When the input voltage is removed, contacts return to their shelf state. The trigger switch is not used in this function.	<p>Input Voltage ON OFF</p> <p>Relay Contacts ON OFF</p> <p>Timing: Input ON → Delay → OFF → Delay → OFF</p>
Interval	When the input voltage is applied, the relay contacts change state immediately and the timing cycle begins. When the time delay is complete, or when the input voltage is removed, contacts return to shelf state. The trigger switch is not used in this function.	<p>Input Voltage ON OFF</p> <p>Relay Contacts ON OFF</p> <p>Timing: Input ON → ON → OFF → Delay → OFF</p>
Off Delay Switch and Power Trigger	Input voltage must be applied continuously. When the trigger switch closes, the relay contacts change state. When the trigger switch opens, the time delay begins. When the delay is complete, the contacts return to their shelf state. If the trigger switch closes before the time delay is complete, then timing is reset. When the trigger switch opens, the delay begins again and the relay contacts remain in their energized state. If the input voltage is removed, the relay contacts return to their shelf state.	<p>Input Voltage ON OFF</p> <p>Trigger Switch CLOSED OPEN</p> <p>Relay Contacts ON OFF</p> <p>Timing: Input ON → ON → OFF → Delay → OFF</p>
One Shot Switch and Power Trigger	Input voltage must be applied continuously. When the trigger switch closes, the relay contacts change state and the pre-set delay begins. During time-out, the trigger signal is ignored. If the input voltage is removed, the relay contacts return to their shelf state.	<p>Input Voltage ON OFF</p> <p>Trigger Switch CLOSED OPEN</p> <p>Relay Contacts ON OFF</p> <p>Timing: Input ON → ON → OFF → Delay → OFF</p>

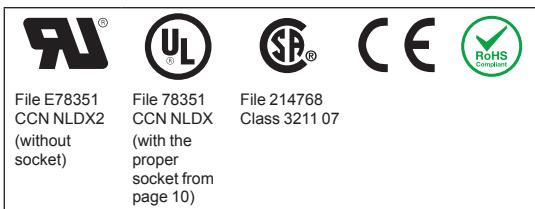
9050JCK Electronic Timing Functions

Function	Description	Timing Diagram
Repeat Cycle-Off	When input voltage is applied, the time delay T1 begins. When time delay T1 is complete, the relay contacts change state for time delay T2. This cycle repeats until the input voltage is removed. The trigger switch is not used in this function. Two dials are provided for independently adjustable repeat cycle timing ranges. For JCK70 timing relay, T1 equals T2.	
Repeat Cycle-On	When input voltage is applied, the relay contacts change state immediately and time delay T1 begins. When time delay T1 is complete, the contacts return to their shelf state for time delay T1. This cycle repeats until the input voltage is removed. The trigger switch is not used in this function.	
On/Off Delay	Upon application of input voltage, the time delay relay is ready to accept trigger signals. When the trigger switch closes, a pre-set On delay begins. At the end of the On delay, the relay contacts change state. When the trigger switch opens, the relay contacts remain in the current state until the pre-set Off delay elapses. At the end of the Off delay, the relay contacts return to their shelf state. The cycle can be repeated by re-closing the trigger switch after the timing cycle ends. If the trigger switch opens before the On delay elapses, the relay remains in its shelf state, and the delay timer resets. If the trigger switch re-closes before the Off delay elapses, the relay remains in its changed state, and the delay timer resets.	
One Shot Falling Edge	Upon application of input voltage, the time delay relay is ready to accept trigger signals. When the trigger switch closes, the relay remains in its shelf state. When the trigger switch opens, the relay contacts change state and a pre-set time delay begins. At the end of the time delay, the relay contacts return to their shelf state unless the trigger switch closes and opens before the time delay elapses. Continuous cycling of the trigger signal at a rate faster than the time delay causes the relay to remain in its changed state.	
Watchdog	Upon application of input voltage, the time delay relay is ready to accept trigger signals. When the trigger switch closes, the relay contacts change state and the pre-set time delay begins. At the end of the time delay, the relay contacts return to their shelf state unless the trigger switch closes and opens before the time delay elapses. Continuous cycling of the trigger signal at a rate faster than the delay time causes the relay to remain in its changed state.	
Trigger On Delay	Upon application of input voltage, the time delay relay is ready to accept trigger signals. When the trigger switch closes, a pre-set time delay begins. At the end of the pre-set time delay, the relay contacts change state and remain in that position as long as either the trigger signal is maintained or the input voltage remains. If the trigger switch opens during the time delay, the relay contacts return to their shelf state.	

Selection (continued)

Type JCK Electronic Timing Relays

Type JCK60 – JCK70



Features:

- Up to $\pm 0.1\%$ repeat accuracy
- Timing from 0.05 seconds to 999 hours
- Available in up to 10 timing functions
- DPDT contacts (2 N.O. & 2 N.C.)
- 10 A contact rating
- Transient protected
- Hold-down spring available
- Wide timing range
- Horsepower rated

Programmable Timers

Class 9050 Type JCK programmable timers are microprocessor controlled to provide flexibility with accurate timing. The Type JCK60 On Delay timer has seven programmable timing ranges. The Type JCK70 multifunction timer has 10 timing functions and seven programmable timing ranges. To program the timers, remove power and select the timing range and timing functions. Settings of less than 0.05 seconds are not recommended due to the response time of the electromechanical outputs.

~~Type JCK60 (On Delay)~~

This On Delay timer uses a push-button thumbwheel to select the timing range, and uses three push-button thumbwheels to select the time value.

	Timing Function	Timing Ranges	Type														
	On Delay	<table> <tr><td>0.01 s</td><td>0.05–9.99 seconds</td></tr> <tr><td>0.1 s</td><td>0.1–99.9 seconds</td></tr> <tr><td>S</td><td>1–999 seconds</td></tr> <tr><td>0.1 m</td><td>0.1–99.9 minutes</td></tr> <tr><td>M</td><td>1–999 minutes</td></tr> <tr><td>0.1 h</td><td>0.1–99.9 hours</td></tr> <tr><td>H</td><td>1–999 hours</td></tr> </table>	0.01 s	0.05–9.99 seconds	0.1 s	0.1–99.9 seconds	S	1–999 seconds	0.1 m	0.1–99.9 minutes	M	1–999 minutes	0.1 h	0.1–99.9 hours	H	1–999 hours	JCK60 (1)
0.01 s	0.05–9.99 seconds																
0.1 s	0.1–99.9 seconds																
S	1–999 seconds																
0.1 m	0.1–99.9 minutes																
M	1–999 minutes																
0.1 h	0.1–99.9 hours																
H	1–999 hours																

(1) The voltage code must be specified to order this product. Refer to standard voltage codes listed below and insert the code as shown in "How To Order" below.

Type JCK70 (Multifunction)

One 10-position push button thumbwheel is used to select the function. Three 10-position push button thumbwheels are used to select the time value. One 7-position push button thumbwheel is used to select the timing range.

	Timing Functions	Timing Ranges	Type																								
	<table> <tr><td>On-Delay</td></tr> <tr><td>Interval</td></tr> <tr><td>Off-Delay</td></tr> <tr><td>One-Shot</td></tr> <tr><td>Repeat Cycle-Off (1)</td></tr> <tr><td>Repeat Cycle-On (1)</td></tr> <tr><td>On/Off Delay</td></tr> <tr><td>1-Shot Falling Edge</td></tr> <tr><td>Watchdog</td></tr> <tr><td>Trig. On-Delay</td></tr> </table>	On-Delay	Interval	Off-Delay	One-Shot	Repeat Cycle-Off (1)	Repeat Cycle-On (1)	On/Off Delay	1-Shot Falling Edge	Watchdog	Trig. On-Delay	<table> <tr><td>0.01 s</td><td>0.05–9.99 seconds</td></tr> <tr><td>0.1 s</td><td>0.1–99.9 seconds</td></tr> <tr><td>S</td><td>1–999 seconds</td></tr> <tr><td>0.1 m</td><td>0.1–99.9 minutes</td></tr> <tr><td>M</td><td>1–999 minutes</td></tr> <tr><td>0.1 h</td><td>0.1–99.9 hours</td></tr> <tr><td>H</td><td>1–999 hours</td></tr> </table>	0.01 s	0.05–9.99 seconds	0.1 s	0.1–99.9 seconds	S	1–999 seconds	0.1 m	0.1–99.9 minutes	M	1–999 minutes	0.1 h	0.1–99.9 hours	H	1–999 hours	JCK70 (2)
On-Delay																											
Interval																											
Off-Delay																											
One-Shot																											
Repeat Cycle-Off (1)																											
Repeat Cycle-On (1)																											
On/Off Delay																											
1-Shot Falling Edge																											
Watchdog																											
Trig. On-Delay																											
0.01 s	0.05–9.99 seconds																										
0.1 s	0.1–99.9 seconds																										
S	1–999 seconds																										
0.1 m	0.1–99.9 minutes																										
M	1–999 minutes																										
0.1 h	0.1–99.9 hours																										
H	1–999 hours																										

(1) The Repeat Cycle function uses the same On and Off times.

(2) Specify the voltage code when ordering this product. Refer to the standard voltage codes listed below and insert as shown in How To Order.

Note: Turn off power to the 9050JCK70 before changing the timing function.

Voltage Codes

Voltage	Code
12 Vdc	V36
24 Vac / Vdc	V14
48 Vac / Vdc	V17
120 Vac / 110 Vdc	V20

How to Order Type JCK Timers

To Order, Specify:	Catalog Number Example		
	Class	Type	Voltage Code
Class Number Type Number Voltage Code	9050	JCK60	V24

Operating Specifications

Voltage range	AC operation	+10%, -15% of nominal @ 50/60 Hz
	DC operation	+10%, -15% of nominal
Repeat accuracy	For constant voltage and temperature	9050JCK11-59 9050JCK60-70
		±0.1% to ±0.04 s, whichever is greater ±0.1% of set time or ± 0.02 ms, whichever is greater
	For variable voltage and temperature, within specs	9050JCK11-59 9050JCK60-70
Reset time	All functions	100 ms
Temperature range	Operating (with the proper derating, see curve on page 9)	12–120 Vac/Vdc 240 Vac
		-18 to +150 °F (-28 to +65 °C) -18 to +122 °F (-28 to +50 °C)
	Storage	-67 to +185 °F (-55 to +85 °C)
IEC 60664-1	Degree of pollution	2
	Oversupply category	III
Contact material		Silver nickel
Mounting position		indifferent
Burden	9050JCK11-59, 1, 2–120 Vac/Vdc	2.0 VA
	9050JCK11-59, 240 Vac	3.0 VA
	9050JCK60-70, 12–120 Vac/Vdc	3.0 VA
	9050JCK60-70, 240 Vac	3.2 VA
Relative humidity		15% to 85%, per IEC 60068-2-3
Insulation test voltage	9050JCK11-59	2,000 Vac
	9050JCK60-70	1,500 Vac between coil and contacts
		1,000 Vac between open contacts
		1,500 Vac between contacts of different circuitry
Transient protection		13 J, 10x 1000 µs
Vibration		10–55 Hz, 3 g max., 0.5 mm total displacement (+0.25 mm)
Shock		30 g, 11 ms duration, half sine wave
Endurance (1)	Mechanical (no load, 18,000 operations/hr max.)	10 million operations
	Electrical (full rated load, 1,800 operations/hr max., operating temperature -18 to 104 °F [-28 to 40 °C]).	100,000 operations
Degree of protection (IEC 60529)		IP20
Max. switching frequency		1800 cycles per hour
Compliance	UL Component Recognized File	E78351 CCN NLDX2 (without socket)
	UL Listed File	E78351 CCN NLDX (with the proper socket from page 10)
	CSA	File 214768 Class 3211 07
	CE	EN60947-4-1, EN60947-5-1, EN61812-1
	RoHS	As of Series E for JCK1-59 As of Series D for JCK60 and JCK70
Fuse		10 A, Class CC (e.g., Bussmann KTK-R 10)

(1) The product life expressed on this page is based on average and normal operating conditions. Actual life will vary with conditions. The above statements are not intended to, nor shall they, create any expressed or implied warranties as to product operation or life. For more information on the listed warranty offered on this product, refer to the Terms and Conditions of sale found in the Digest.

Electromagnetic Compatibility (EMC) Ratings

Test	IEC	Level
Electrostatic discharge	61000-4-2	3 (6 kV, 8 kV)
Radiated, radio-frequency, electromagnetic field	61000-4-3	3 (10 V/m)
Electrical fast transient/burst	61000-4-4	3 (2 kV, 1 kV) (1)
Surge	61000-4-5	3 (2 kV, 1 kV) (1)
Conducted disturbances, induced by radio-frequency fields	61000-4-6	3 (10 V/m)
Radiated emissions	CISPR 22	
Conducted emissions	CISPR 22	

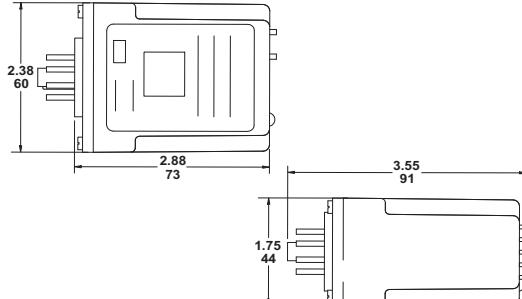
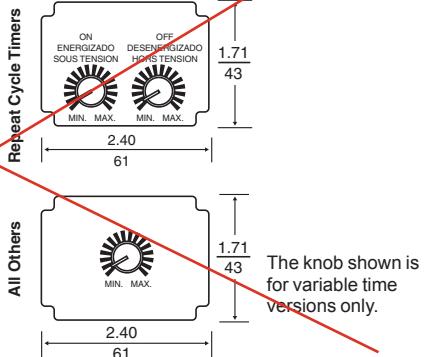
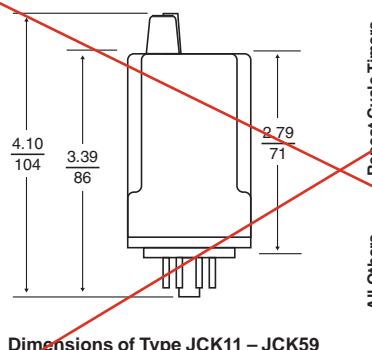
(1) Supply port, output port, and control port

LED Indicators (1)

LED	State
Steady (On)	Power present
Flashing	Device is timing

(1) The LED is not an indicator of the output state of the timing relay.

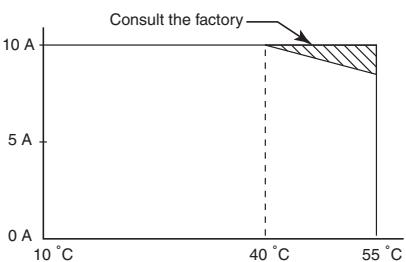
Dimensions — inches mm



AC Maximum Contact Ratings

AC Voltage		120 / 240 Vac (N.C.)	120 / 240 Vac (N.O.)
Horsepower		1/3	1/2
AC Amperes	Resistive 75% P.F. Make, Break, and Continuous	10	10
	Inductive 35% P.F. Continuous	10	10
	Break	3	1.5
	Make	30	15

Contact Derating Curve



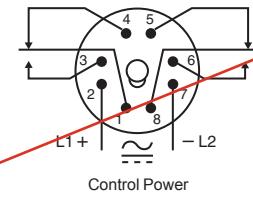
DC Maximum Contact Ratings

DC Volts		30
DC Amperes	Resistive Make, Break, and Continuous	10
	Inductive Make	3
	Break	3

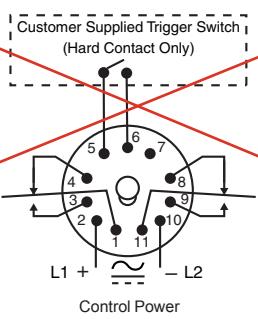
AC15/B300 (NO/NC), DC13/R300 (NO)
Recommended minimum load current is 100 mA @ 12 Vdc.

Wiring Diagrams

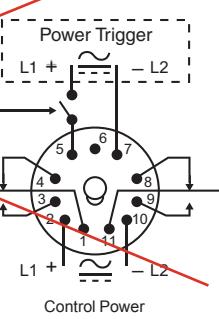
Type (1):
JCK11 – JCK19
JCK31 – JCK39
JCK51 – JCK59
JCK60



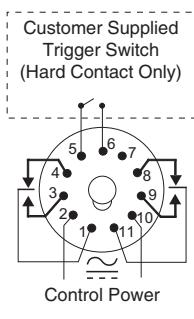
Type (2):
JCK21 – JCK29
JCK41 – JCK49



Type (1):
JCK21PT – JCK29PT
JCK41PT – JCK49PT



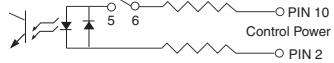
Type (1):
JCK70



NOTES:

- Use the same voltage for the power trigger and control power. Do not use terminal 6 with power trigger devices.
- For timers that use trigger switches, the maximum distance for the trigger switch is 50 ft. from the timer.

(1) Do not apply DC voltage to the 240 Vac timers (voltage code V24).
(2) There is no internal jumper between pins 6 and 7.



Product data sheet RELAY SOCKET, 120VAC, 11 PIN, DIN

Specifications

TAGS: RCT

SQUARE D



Plug in relay, Type N, relay socket, 11 tubular pin, single tier, for 8510KP relays and 9050JCK timers

8501NR61

Product availability: Stock - Normally stocked in distribution facility

Main

[In] rated current	15 A 300 V AC 5 A 600 V AC
--------------------	-------------------------------

Complementary

mounting type	Panel DIN rail
electrical connection	Single tiered screw clamp terminals
package quantity	1
Width	2.3 in (59 mm)
Height	2.2 in (54.8 mm)
Depth	1.0 in (24.6 mm)

Ordering and shipping details

Category	US10CP221142
Discount Schedule	0CP2
GTIN	785901583677
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.100 in (2.794 cm)
Package 1 Width	2.400 in (6.096 cm)
Package 1 Length	2.300 in (5.842 cm)
Package weight(Lbs)	2.240 oz (63.503 g)
Unit Type of Package 2	PAL
Number of Units in Package 2	2400
Package 2 Height	40.000 in (101.600 cm)
Package 2 Width	40.000 in (101.600 cm)
Package 2 Length	48.000 in (121.920 cm)
Package 2 Weight	336.0002 lb(US) (152.407 kg)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Data Sheet 10

Customer:	Johnston Construction
Reference:	Charles County Pomonkey Pump Station Improvements
Date:	01/26/2026
Qty	Description
A/R	Mfg: Phoenix Contact: Terminal Block Model Number: 3044076
A/R	Mfg: Phoenix Contact: Grounding Terminal Block Model Number: 3044092
A/R	Mfg: Phoenix Contact: Terminal End Barrier Model Number: 3047028
A/R	Mfg: Phoenix Contact: Terminal Anchor Model Number: 0800886 Tags / Service: TB-AC / Secondary Fan Control Panel Specifications: <ul style="list-style-type: none">• Feed through and grounding terminals• Screw clamps• End plates and anchors• DIN rail mount

TERMINAL BLOCK



TAGS: TB-AC, TB-ISB

Extract from the online catalog

UT 2,5

Order No.: 3044076



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3044076>

Universal terminal block, Type of connection: Screw connection, Screw connection, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15



Commercial data

EAN	4017918960377
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.008227 KG
Catalog page information	Page 26 (CL-2009)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

General

Number of levels	1
Number of connections	2
Color	gray

Insulating material	PA
Inflammability class acc. to UL 94	V0

Dimensions

Width	5.2 mm
Length	47.7 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

Technical data

Maximum load current	32 A (with 4 mm ² conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	24 A
Nominal voltage U _N	1000 V
Open side panel	ja

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²

2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
Type of connection	Screw connection
Stripping length	9 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

Certificates / Approvals



Certification

CB, CSA, CUL, DNV, GL, GOST, LR, UL, VDE-PZI

Certification Ex:

IECEEx, KEMA-EX

CSA

Nominal voltage U _N	600 V
Nominal current I _N	20 A
AWG/kcmil	26-12

CUL

Nominal voltage U _N	600 V
Nominal current I _N	20 A
AWG/kcmil	26-12

UL

Nominal voltage U _N	600 V
Nominal current I _N	20 A
AWG/kcmil	26-12

UT 2,5-PE

Order No.: 3044092



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3044092>

Feed-through modular terminal block, Type of connection: Screw connection, Screw connection, Cross section: 0.14 mm² - 4 mm², AWG 26 - 12, Width: 5.2 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15



Product notes

WEEE/RoHS-compliant since:
01/01/2003



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Commercial data

EAN	4017918960360
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.012156 KG
Catalog page information	Page 32 (CL-2009)

Technical data

General

Number of levels	1
Number of connections	2
Color	green-yellow

Insulating material	PA
Inflammability class acc. to UL 94	V0

Dimensions

Width	5.2 mm
Length	47.7 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

Technical data

Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-2
Open side panel	ja

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
Type of connection	Screw connection
Stripping length	9 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

Certificates / Approvals



Certification CB, CSA, CUL, DNV, GL, LR, UL, VDE-PZI

Certification Ex: IECEx, KEMA-EX

CSA

AWG/kcmil	26-12
-----------	-------

CUL

AWG/kcmil	26-12
-----------	-------

UL

AWG/kcmil	26-12
-----------	-------

D-UT 2,5/10

Order No.: 3047028



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3047028>

End cover, Length: 47.7 mm, Width: 2.2 mm, Height: 48.4 mm,
Color: gray

Commercial data	
EAN	4017918960346
Pack	50 pcs.
Customs tariff	85389099
Weight/Piece	0.00248 KG
Catalog page information	Page 26 (CL-2009)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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E/NS 35 N - End bracket

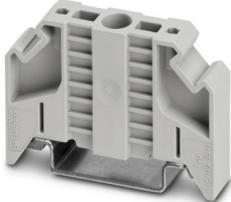


0800886

<https://www.phoenixcontact.com/us/products/0800886>

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End clamp, width: 9.5 mm, color: gray



Your advantages

- Large-surface marking

Commercial data

Item number	0800886
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE07
Product key	BE7111
GTIN	4017918129309
Weight per piece (including packing)	14.16 g
Weight per piece (excluding packing)	13.708 g
Customs tariff number	39269097
Country of origin	DE

E/NS 35 N - End bracket



0800886

<https://www.phoenixcontact.com/us/products/0800886>

Technical data

Connection data

Screw thread	M3
Tightening torque	0.5 ... 0.8 Nm

Dimensions

Dimensional drawing	
Width	9.5 mm
Height	48.6 mm
Depth	32.8 mm
Depth on NS 35/7,5	34.3 mm
Length	48.6 mm

Material specifications

Color	gray (RAL 7042)
Material	PA
Flammability rating according to UL 94	V0
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

Mounting

Mounting type	NS 35/7,5
	NS 35/15

E/NS 35 N - End bracket



0800886

<https://www.phoenixcontact.com/us/products/0800886>

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CHARLES COUNTY POMONKEY PUMP STATION IMPROVEMENTS

Drawings Index:

Drawing Number	Drawing Description
D32384-50	POMONKEY PS SFAN CONTROL PANEL EXTERIOR PANEL LAYOUT
D32384-51	POMONKEY PS SFAN CONTROL PANEL INTERIOR PANEL LAYOUT
D32384-52	POMONKEY PS SFAN CONTROL PANEL 120VAC WIRING DIAGRAM

CHARLES COUNTY POMONKEY PUMP STATION IMPROVEMENTS

Drawings:

WARNING NAMEPLATE DETAIL

S-L CONTROLS, DWG D32384-50
VOLTAGE: 120VAC, 60HZ, SINGLE PHASE
FLC: 5.86

MAXIMUM PUMP HORSEPOWER: 0.25

SHORT CIRCUIT CURRENT: 5kA

ENCLOSURE RATING: UL TYPE 4X

CAUTION: MULTIPLE POWER SOURCES ARE PROVIDED FROM FIELD TERMINALS. EACH SOURCE SHOULD BE DISCONNECTED FOR SERVICING.

WARNING: TO MAINTAIN OVERCURRENT, SHORT CIRCUIT, AND GROUND FAULT PROTECTION, THE MANUFACTURER'S INSTRUCTIONS FOR SELECTING CURRENT ELEMENTS MUST BE FOLLOWED

NAMEPLATES SIZED AS REQUIRED

NAME PLATE LEGEND TABLE

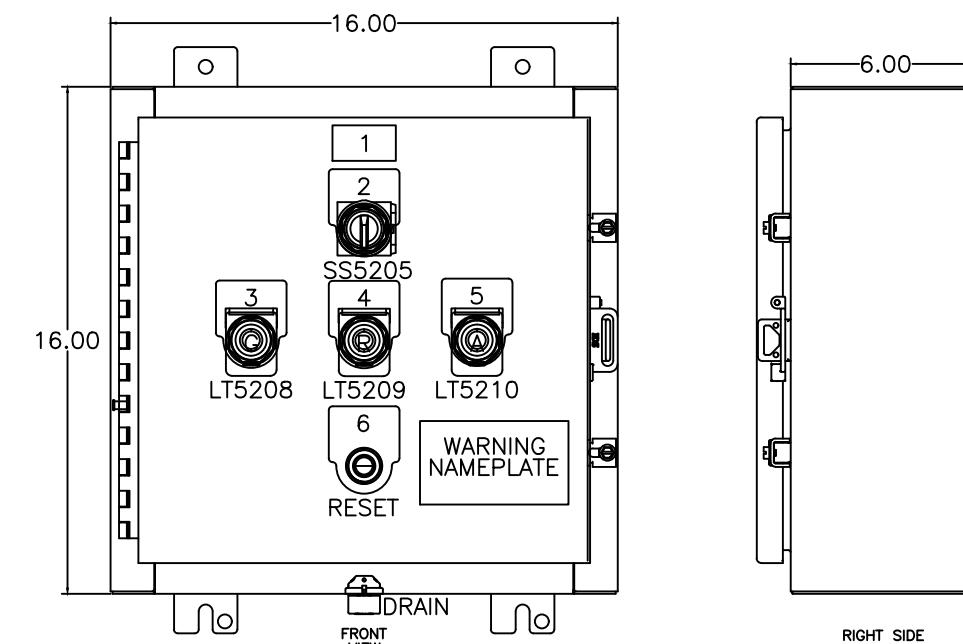
ITEM	QTY	DESCRIPTION
1	1	SFAN-1 / CONTROL PANEL
2	1	HAND / OFF / AUTO
3	1	RUNNING
4	1	STOPPED
5	1	FAULT
6	1	OVERLOAD / RESET
7	1	FU5204: MERSEN MI5HF25V2/100 2A

NOTES:

ALL PLATES SHALL BE ENGRAVED ON WHITE BACKGROUND WITH BLACK CHARACTERS EXCEPT WARNING NAMEPLATES WHICH SHALL BE ENGRAVED ON RED BACKGROUND WITH WHITE CHARACTERS. LETTER HEIGHT SHOULD BE MINIMUM 1/4"

WIRING:

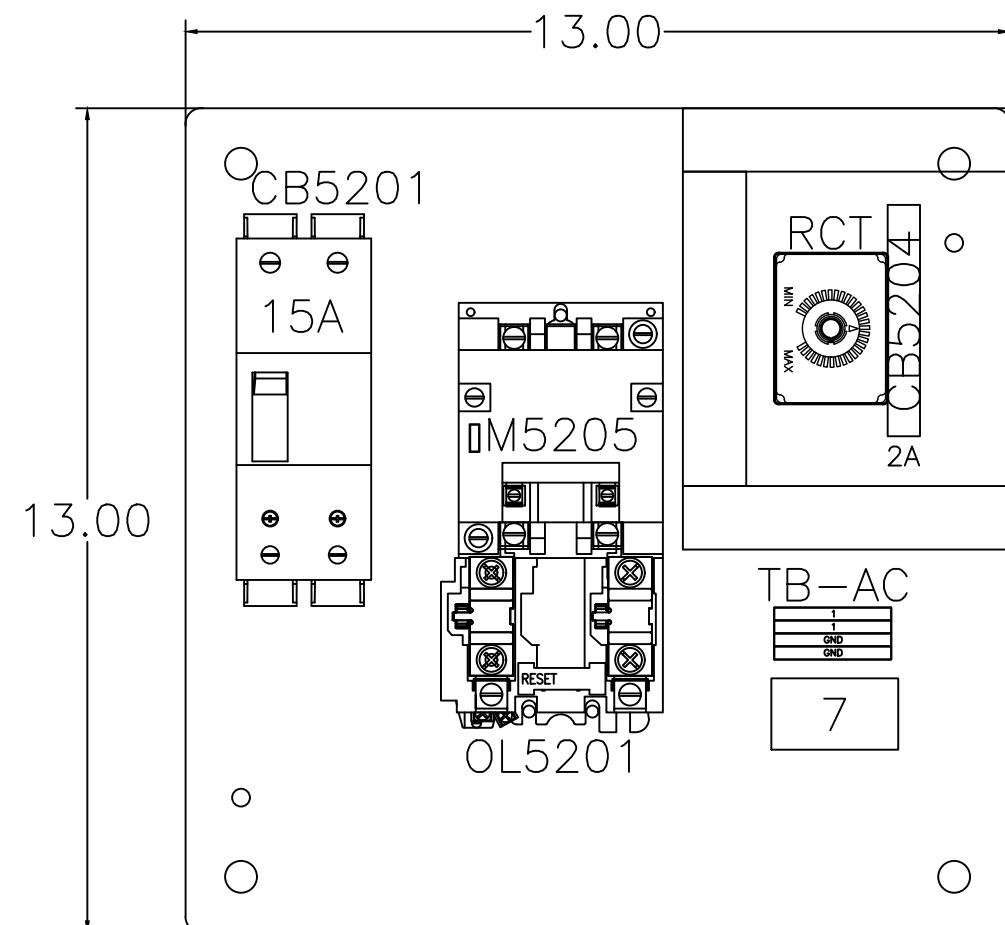
- 1) □ - INDICATES CABINET TERMINAL BLOCK
- 2) DASHED LINES INDICATE WIRING REMOTE TO CONTROL PANEL.
- 3) PROVIDE 20% SPARE TERMINALS
- 4) UL APPROVED NO. TO BE PROVIDED AT TIME OF MANUFACTURING
- 5) ELECTRICAL CONNECTION TORQUES:
TERMINAL: 12 INCH POUNDS
CIRCUIT BREAKER: 45 INCH POUNDS



PANEL WIRING

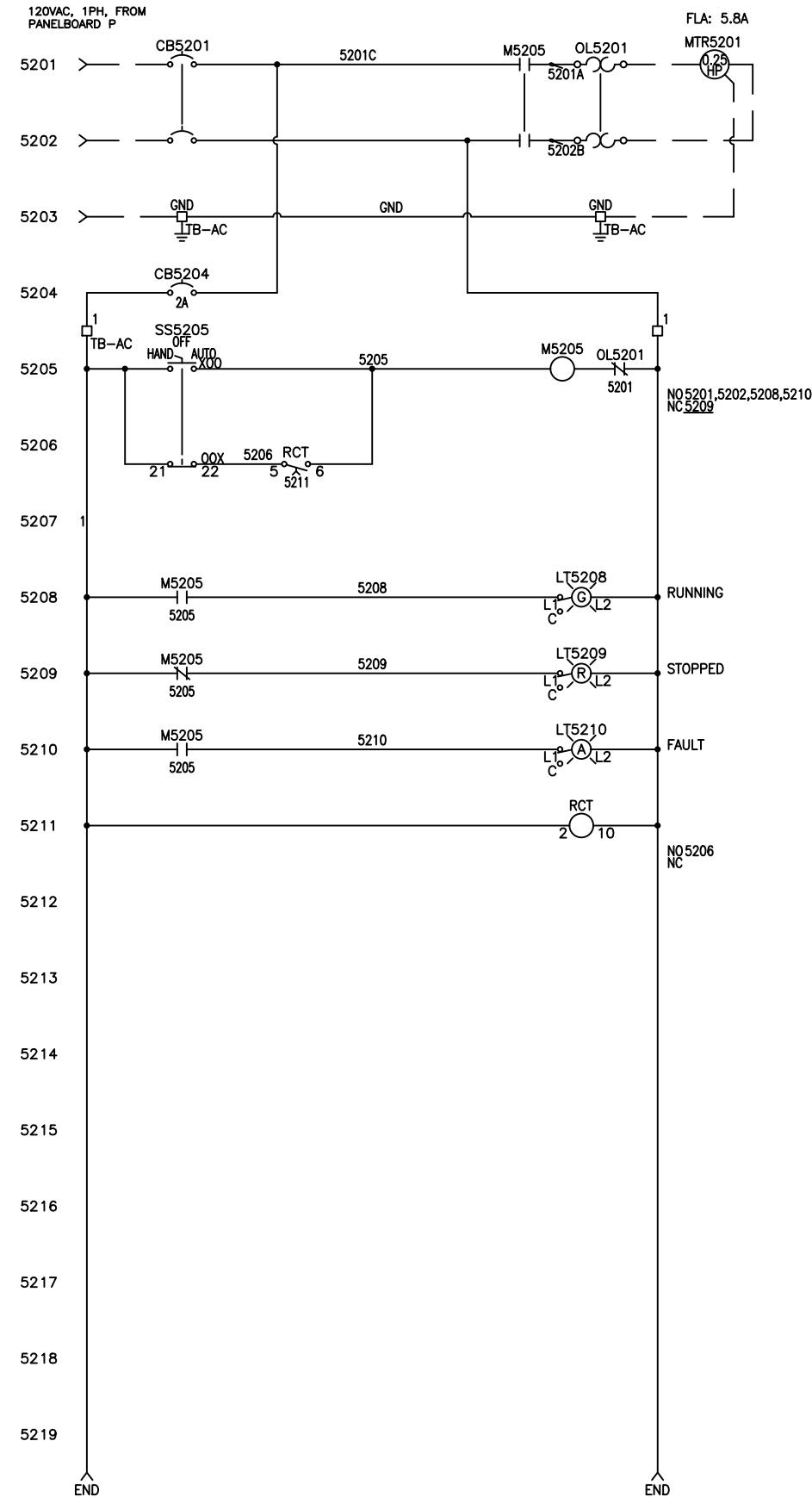
AREA	VOLTAGE	NOUN NAME	ID	GAGE	COLOR	TYPE
INTERNAL	120VAC	HOT	(L1), (1)	14	BLACK	MTW
INTERNAL	120VAC	NEUTRAL	(N)	14	WHITE	MTW
CONTROL	120VAC	HOT	VARIOUS	16	RED	MTW
CONTROL	120VAC	NEUTRAL	N	16	WHITE	MTW

TOLERANCES	REVISIONS			POMONKEY PS SFAN CONTROL PANEL		
	NO.	DATE	BY	EXTERIOR PANEL LAYOUT		
DECIMAL	1					
	2					
FRACTIONAL	3			DRAWN BY ZBB	SCALE NONE	MATERIAL
	4			CHK'D MN	DATE 01-26-2026	DRAWING NUMBER
ANGULAR	5			TRACED	APP'D	D32384-50
	6					



TAGS	QTY	CATALOG	DESCRIPTION	MANUFACTURER
ENC	1	SCE-16H1606SS6LP	WALL MOUNT ENCLOSURE - NEMA 4X	SCE
ENC	1	SCE-16P16	ENCLOSURE BACK PANEL	SCE
DRAIN	1	SCE-BVKD	NEMA 4X VENT/DRAIN	SCE
LT5208	1	9001SKT38LGG31	PTT LIGHT, 120VAC LED, GREEN	SCHNEIDER ELECTRIC
LT5209	1	9001SKT38LRR31	PTT LIGHT, 120VAC LED, RED	SCHNEIDER ELECTRIC
LT5210	1	9001SKT38LYA31	PTT LIGHT, 120VAC LED, AMBER	SCHNEIDER ELECTRIC
RESET	1	XB4BA922	MANUAL OVERLOAD RESET PUSH BUTTON	SCHNEIDER ELECTRIC
SS5205	1	9001SKS43BH13	3 POSITION SWITCH, BLACK	SCHNEIDER ELECTRIC
CB5201	1	BGL26015	MAIN CIRCUIT BREAKER, 15A	SQUARE D
CB5204	1	7940102572	CIRCUIT BREAKER, 120VAC, 2A	WEIDMULLER
M5205	1	8536-SA011V02ES	NEMA MOTOR STARTER / OVERLOAD	SQUARE D
OL5201	1	B9.10	THERMAL MOTOR OVERLOAD	SQUARE D
RCT	1	9050JCK70V20	REPEAT CYCLE TIMER, 0.5 SEC TO 999 HOURS	SQUARE D
RCT	1	8501NR61	RELAY SOCKET, 120VAC, 11 PIN OCTAL, DIN	SQUARE D
TB-AC	4	3044076	UNIVERSAL TERMINAL BLOCK - UT 2,5	PHOENIX CONTACT
TB-AC	A/R	3047028	TERMINAL END BARRIER	PHOENIX CONTACT
TB-AC	A/R	3044092	GROUNDING TERMINAL BLOCK	PHOENIX CONTACT
TB-AC	A/R	0800886	TERMINAL ANCHOR	PHOENIX CONTACT

TOLERANCES	REVISIONS			POMONKEY PS SFAN CONTROL PANEL		
	NO.	DATE	BY	INTERIOR PANEL LAYOUT		
DECIMAL	1					
	2					
FRACTIONAL	3			DRAWN BY ZBB	SCALE NONE	MATERIAL
	4			CHK'D MN	DATE 01-26-2026	DRAWING NUMBER
ANGULAR	5			TRACED	APP'D	
	6					D32384-51



TOLERANCES	REVISIONS			POMONKEY PS SFAN CONTROL PANEL				
	NO.	DATE	BY	120VAC WIRING DIAGRAM				
DECIMAL	1			SH CONTROLS				
FRACTIONAL	2							
ANGULAR	3			DRAWN BY	ZBB	SCALE		
	4			CHK'D	MN	DATE	01-26-2026	MATERIAL
	5			TRACED		APP'D		D32384-52
	6							