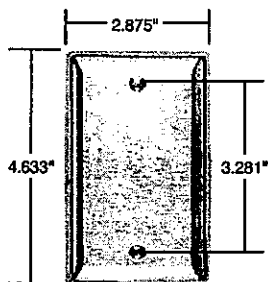
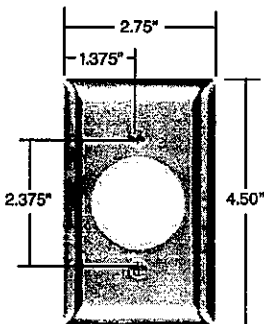


Pass & Seymour



WP13



4515

Weatherproof Boxes & Covers

Weatherproof Stainless Steel Covers

Specification Grade

Features

- Covers comply with 2005 NEC Section 406.8(A) and 406.8(B)(2).
- Plate is Type 302 Stainless Steel for corrosion resistance.
- Ideal for hard-use and corrosive applications.
- Aesthetically pleasing.

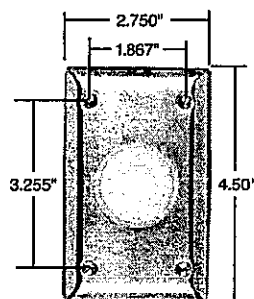
Catalog Number	Description	3rd Party Compliance	
			
Stainless Steel Covers			
	WP13 1 Gang Blank (Box Mounted) Gasketed	•	•
	WP13FS For 4 Screw Mounting	•	•
	WP23 2 Gang Blank (Box Mounted) Gasketed	•	•

Features

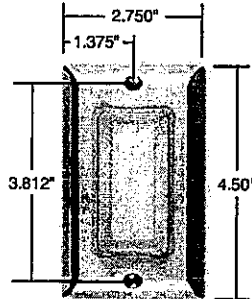
- Covers comply with 2005 NEC Section 406.8(A) and 406.8(B)(2).
- Plate is Type 302 Stainless Steel for corrosion resistance.
- Transparent silicone rubber mat seals plate and opening from contamination.
- Switch easily actuated through flexible silicone bubble.
- Silicone mat maintains pliability from -100° F to +250° F.
- Mat is resistant to grease, water, steam, detergents, aging, and ozone.

Catalog Number	Mat Catalog Number	Description	3rd Party Compliance	
				
Stainless Steel Covers				
4515	4515GAS	Round mat, mounts to Standard Switch Box	•	•
4515FS	4515FSGAS	Round mat, 4 Screw Box mounting	•	•
4516		Rectangular mat, mounts to Standard Switch Box	•	•
4516GAS*		(includes #348 strap for Despard switches)		
4517		Rectangular mat, 4 Screw Box mounting	•	•

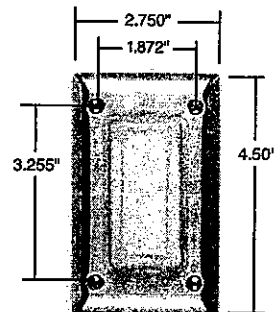
*For use with both 4516 and 4517.



4515FS



4516



4517

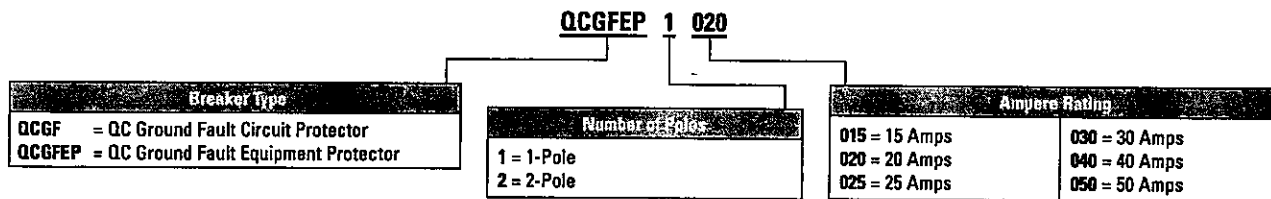
For Dustproof Stainless Steel Covers, see Page S-27.

Circuit & Motor Protection

Circuit Breakers

CATALOG SELECTION / PRODUCT SELECTION

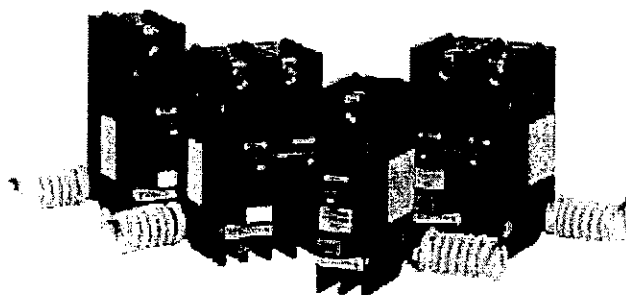
Type QC Miniature Circuit Breakers — Cable-In / Cable-Out Ground Fault and Equipment Protector Types QCGF, QCGFEP — Catalog Numbering System



Type QC Miniature Circuit Breakers — Cable-In / Cable-Out
1/2-Inch Wide Types QCGF, QCGFEP

For Cable-In / Cable-Out Panel-Mount Applications

- QUICKLAG ground fault circuit breakers, Class A GFCI:
 - Built and tested to UL 943
 - 5 mA trip sensitivity
- QUICKLAG ground fault equipment protectors:
 - Built and tested to UL 1053
 - 30 mA trip sensitivity
- All products UL and CSA listed



Types QCGF and QCGFEP Thermal-Magnetic Breakers

	1-Pole	2-Pole
Continuous Ampere Rating at 40°C	120/240V ac	120/240V ac
	Catalog Number	Catalog Number

Ground Fault Circuit Breakers — 5 mA Sensitivity
QUICKLAG Type: QCGF 10,000 Ampere I.C.

15	QCGF1015	QCGF2015
20	QCGF1020	QCGF2020
30	QCGF1030	QCGF2030
40	QCGF1040	QCGF2040
50	—	QCGF2050

Ground Fault Equipment Protectors — 30 mA Sensitivity
QUICKLAG Type: QCGFEP 10,000 Ampere I.C.

15	QCGFEP1015	QCGFEP2015
20	QCGFEP1020	QCGFEP2020
30	QCGFEP1030	QCGFEP2030
40	QCGFEP1040	QCGFEP2040
50	—	QCGFEP2050

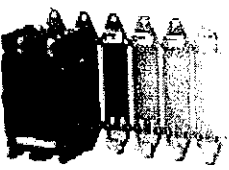
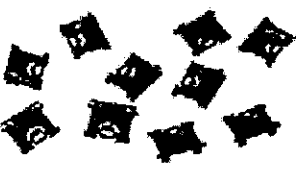
Circuit & Motor Protection

Circuit Breakers

PRODUCT SELECTION

Type QC Miniature Circuit Breakers

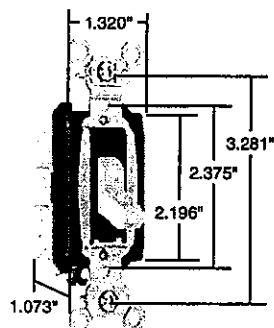
Accessories (Continued)

	Accessory ①	Description	Catalog Number
 QC6BP  QCDJ4  QCDINADAPT  QCDFP	Mounting Hardware	QUICKLAG Base Mounting Plate — 6 Poles Total	QC6BP
		QUICKLAG Type C Base Mounting Plate — 6 Poles Total — Heavy-Duty Screw-Secured	QC6BPS
		QUICKLAG Type C (QCD) 2-Way Jumper Unit with Cover	QCDJ2
		QUICKLAG Type C (QCD) 4-Way Jumper Unit with Cover	QCDJ4
		QUICKLAG Type C (QCD) 6-Way Jumper Unit with Cover	QCDJ6
		QUICKLAG Type C (QCD) 2-Way Jumper Unit, no Cover	QCDJ2T
		QUICKLAG Type C (QCD) 4-Way Jumper Unit, no Cover	QCDJ4T
		QUICKLAG Type C (QCD) 6-Way Jumper Unit, no Cover	QCDJ6T
		QUICKLAG Type QCD Finger Protection Attachment	QCDFP
		QUICKLAG Type C DIN-Rail Adapter	QCDINADAPT

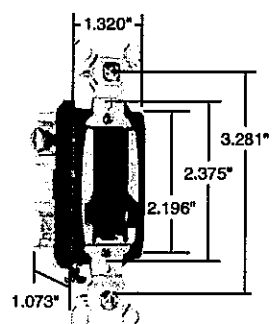
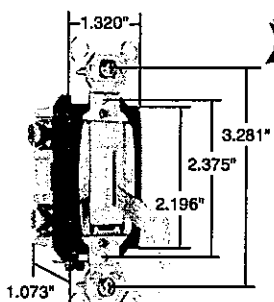
① See Page 21 for QCR and QCF accessories.

Pass & Seymour

legrand



15 & 20 Amp*

15 & 20 Amp Lighted
& Pilot Lighted*

Locking*

*30AC series is 1.437" wide

Lock Switch Replacement Keys

(One key furnished with each switch)

500K
Fits new
Switches1498
Fits Switches
manufactured before 19761498-NT
Fits Switches
manufactured
1976-present

All devices listed on this
page conform to NEMA
WD-1 and WD-6.

Switches

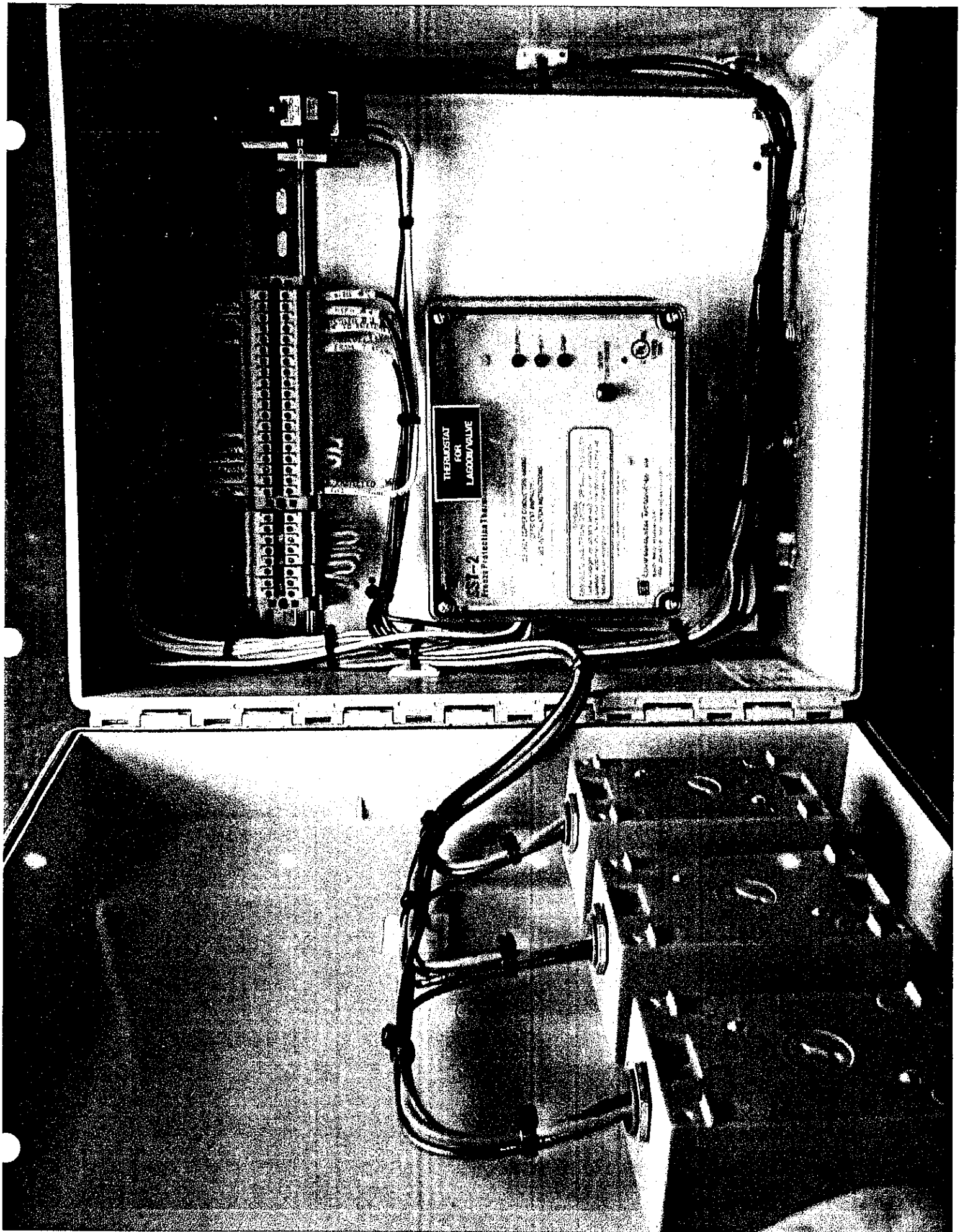
Industrial Extra Heavy-Duty Specification Grade Switches

15, 20 & 30A, 120, 277 & 120/277VAC

Features

- External screw-pressure-plate back and side wired. Accepts #14 - #10 AWG copper or copper-clad conductors.
- Heavy-gauge one-piece copper alloy contact arm virtually eliminates contact bounce.
- Cam controls fast "make" and positive "break" to minimize arcing.
- Heavy-duty bumper pads for quiet operation.
- High strength thermoplastic polycarbonate toggle.
- Back body made of glass-reinforced nylon.
- Locking support provides resistance to face and back body separation.
- Oversized silver alloy contacts for long life and better heat dissipation.
- Grounding terminal is standard.
- Shallow design for ease of installation.
- Strap nickel-plated steel with integral ground.
- Auto-ground clip assures positive ground.

Catalog Number				Rating A. VAC	Color	3rd Party Compliance		
Single Pole	Double Pole	Three-Way	Four-Way			UL20	FSUL WS896 C22.2 111	CS
Toggle Switches Back & Side Wire								
PS15AC1I PS15AC1W PS15AC1 PS15AC1GRY PS15AC1LA	PS15AC2I PS15AC2W PS15AC2 PS15AC2GRY PS15AC2LA	PS15AC3I PS15AC3W PS15AC3 PS15AC3GRY PS15AC3LA	PS15AC4I PS15AC4W PS15AC4 PS15AC4GRY PS15AC4LA	15 120/277 15 120/277 15 120/277 15 120/277 15 120/277	Ivory White Brown Gray Light Almond	• • • • •	• • • • •	• • • • •
PS20AC1I PS20AC1W PS20AC1 PS20AC1GRY PS20AC1BK PS20AC1RED PS20AC1LA	PS20AC2I PS20AC2W PS20AC2 PS20AC2GRY PS20AC2BK PS20AC2RED PS20AC2LA	PS20AC3I PS20AC3W PS20AC3 PS20AC3GRY PS20AC3BK PS20AC3RED PS20AC3LA	PS20AC4I PS20AC4W PS20AC4 PS20AC4GRY PS20AC4BK PS20AC4RED PS20AC4LA	20 120/277 20 120/277 20 120/277 20 120/277 20 120/277 20 120/277 20 120/277	Ivory White Brown Gray Black Red Light Almond	• • • • • • •	• • • • • • •	• • • • • • •
PS30AC1I PS30AC1W PS30AC1	PS30AC2I PS30AC2W PS30AC2	PS30AC3I PS30AC3	 	30 120/277 30 120/277 30 120/277	Ivory White Brown	• • •	• • •	• • •
Lighted Toggle Switches (Lighted when OFF) Back & Side Wire								
PS15AC1CSL PS15AC1ISL PS15AC1WSL		PS15AC3CSL PS15AC3ISL PS15AC3WSL		15 120/277 15 120/277 15 120/277	Clear Ivory White	• • •	• • •	• • •
PS20AC1CSL PS20AC1ISL PS20AC1WSL PS20AC1LASL		PS20AC3CSL PS20AC3ISL PS20AC3WSL PS20AC3LASL		20 120/277 20 120/277 20 120/277 20 120/277	Clear Ivory White Light Almond	• • • •	• • • •	• • • •
Pilot Lighted Switches (Lighted when ON) Back & Side Wire								
PS15AC1CPL PS15AC1RPL		PS15AC3CPL PS15AC3RPL		15 120 15 120	Clear Red	• •	• •	• •
PS20AC1CPL PS20AC1CPL7 PS20AC1RPL PS20AC1RPL7		PS20AC3CPL PS20AC3RPL PS20AC3RPL7		20 120 20 277 20 120 20 277 20 120/277 20 120/277	Clear Clear Red Red Clear Red	• • • • • •	• • • • • •	• • • • • •
PS30AC1RPL	PS30AC2RPL	PS30AC3RPL		30 120 30 120/277	Red Red	• •	• •	• •
Lock Switches (Key can be removed in both positions) Back & Side Wire								
PS15AC1L		PS15AC3L		15 120/277	Gray	•	•	•
PS20AC1IL 	PS20AC2IL	PS20AC3IL 	PS20AC4IL	20 120/277	Ivory	•	•	•
PS20AC1WL 	PS20AC2WL	PS20AC3WL 	PS20AC4WL	20 120/277	White	•	•	•
PS20AC1L	PS20AC2L	PS20AC3L	PS20AC4L	20 120/277	Gray	•	•	•
PS20AC1REDL 	PS20AC2REDL 	PS20AC3REDL 	PS20AC4REDL	20 120/277	Red	•	•	•
PS20AC1LAL 	PS20AC2LAL	PS20AC3LAL 	PS20AC4LAL	20 120/277	Light Almond	•	•	•



RYFAN NUNAVUT INC.

Heat Trace Insulation Resistance Test Report

Project Name: Heat trace sewage lagoon

Project # 3047

Location / Area: Qikiqtarjuaq

Tested By: Todd Fraser

(Please Print Name)

Test Equipment ID #: UEI DMEG3

Date: 23 - 07 - 2009
(Dy-Mo-Yr)

Cable ID #: Heat Trace # 3

Cable Type: Arctic Trace

Test Voltage: 500V

Cable Voltage: 120V

Ambient Temp: 12 C

Approx Length: 25 m

of Conductors: 2

Initial

T.F.
T.F.
T.F.
T.F.

No visible damage to cabling or conductors.

Proper strapping, supports and protection in place

Correct Amount of Insulation Removed for Termination

Connections Torqued After Testing

Record Resistance in Mega Ohms

271.4 MΩ

Owner Representative: Todd Fraser

(Please Print Name)



RYFAN NUNAVUT INC.

Heat Trace Insulation Resistance Test Report

Project Name: Heat trace sewage lagoon

Project # 3047

Location / Area: Qikiqtarjuaq

Tested By: Todd Fraser

(Please Print Name)

Test Equipment ID #: UEI DMEG3

Date: 23-07-2007
(Dy-Mo-Yr)

Cable ID #: Heat Trace # 3

Cable Type: Arctic Trace

Cable Voltage: 120V

of Conductors: 2

Test Voltage: 500V

Ambient Temp: 12 C

Approx Length: 25 m

Initial

Y.F. No visible damage to cabling or conductors

Y.F. Proper strapping, supports and protection in place

Y.F. Correct Amount of Insulation Removed for Termination

Y.F. Connections Torqued After Testing

Record Resistance in Mega Ohms

267.4 MΩ

Owner Representative: Todd Fraser

(Please Print Name)



RYFON NUNAVUT INC.

Heat Trace Insulation Resistance Test Report

Project Name: Heat trace sewage lagoon

Project # 3047

Location / Area: Qikiqtarjuaq

Tested By: Todd Fraser

(Please Print Name)

Test Equipment ID #: UEI DMEG3

Date: 23-07-2009
(Dy-Mo-Yr)

Cable ID #: Heat Trace #2

Cable Type: Arctic Trace

Cable Voltage: 120V

of Conductors: 2

Test Voltage: 500V

Ambient Temp: 12 C

Approx Length: 15 m

Initial

TF No visible damage to cabling or conductors

TF Proper strapping, supports and protection in place

TF Correct Amount of Insulation Removed for Termination

TF Connections Torqued After Testing

Record Resistance in Mega Ohms

248.3 MR

Owner Representative: Todd Fraser

(Please Print Name)