

SHROKMAN TECHNOLOGIES COMPANY
INDUSTRIAL DOOR CONTROL SYSTEM INTEGRATORS
Consulting Services
Dock Door System Information Form

DOOR SYSTEM INFORMATION FORM

INTEGRATED DOCK SYSTEMS

SHROKMAN TECHNOLOGIES COMPANY
INDUSTRIAL DOOR CONTROL SYSTEM INTEGRATORS
Consulting Services
Dock Door System Information Form

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END USER INFORMATION & NOTES

Door Number: _____
Column Number: _____

Quote Number: _____ Job Number: _____ Start Date: _____
 Job Name: _____ Ordered By: _____ P.O. # _____
 End User: _____ City: _____ State: _____ Zip: _____
 Job Description: _____

Name	Company	Position	Phone	
			Office:	Fax:
			Mobil:	Pager:
			Office:	Fax:
			Mobil:	Pager:
			Office:	Fax:
			Mobil:	Pager:
			Office:	Fax:
			Mobil:	Pager:

This form is to be used to give us an idea of what is to be controlled in the integrated system. This form is designed for use by the facilities electrical

Date	Notes

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LAYOUT SKETCH

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INDUSTRY AND GENERAL SITE INFORMATION

Industry Type

- | | | |
|--|--|---|
| <input type="checkbox"/> Aerospace | <input type="checkbox"/> Distribution | <input type="checkbox"/> NASA |
| <input type="checkbox"/> Automotive | <input type="checkbox"/> Commercial General | <input type="checkbox"/> Petrochemical |
| <input type="checkbox"/> Aviation - Commercial | <input type="checkbox"/> Military | <input type="checkbox"/> Pharmaceutical |
| <input type="checkbox"/> Aviation - Military | <input type="checkbox"/> Mining – Above Ground | <input type="checkbox"/> Research |
| <input type="checkbox"/> Aviation - Private | <input type="checkbox"/> Mining – Underground | <input type="checkbox"/> _____ |

Items Controlled by This Panel

- | | | |
|--|--|--|
| <input type="checkbox"/> Door | <input type="checkbox"/> Dock Leveler | <input type="checkbox"/> Restraint |
| <input type="checkbox"/> Truck Lift | <input type="checkbox"/> Air Shelter | <input type="checkbox"/> Door Heater |
| <input type="checkbox"/> Dock Light | <input type="checkbox"/> Dock Safety Barrier | <input type="checkbox"/> Automatic Loader |
| <input type="checkbox"/> Material Conveyor | <input type="checkbox"/> AGV Entrance | <input type="checkbox"/> Remote Security Interface |
| <input type="checkbox"/> Building Automation Interface | <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |

Control System (Starters, etc) Inside This Panel

- | | | |
|--|--|--|
| <input type="checkbox"/> Door | <input type="checkbox"/> Dock Leveler | <input type="checkbox"/> Restraint |
| <input type="checkbox"/> Truck Lift | <input type="checkbox"/> Air Shelter | <input type="checkbox"/> Door Heater |
| <input type="checkbox"/> Dock Light | <input type="checkbox"/> Dock Safety Barrier | <input type="checkbox"/> Automatic Loader |
| <input type="checkbox"/> Material Conveyor | <input type="checkbox"/> AGV Entrance | <input type="checkbox"/> Remote Security Interface |
| <input type="checkbox"/> Building Automation Interface | <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |

Control System Outside This Panel

- | | | |
|--|--|--|
| <input type="checkbox"/> Door | <input type="checkbox"/> Dock Leveler | <input type="checkbox"/> Restraint |
| <input type="checkbox"/> Truck Lift | <input type="checkbox"/> Air Shelter | <input type="checkbox"/> Door Heater |
| <input type="checkbox"/> Dock Light | <input type="checkbox"/> Dock Safety Barrier | <input type="checkbox"/> Automatic Loader |
| <input type="checkbox"/> Material Conveyor | <input type="checkbox"/> AGV Entrance | <input type="checkbox"/> Remote Security Interface |
| <input type="checkbox"/> Building Automation Interface | <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |

NOTES:

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DOOR INFORMATION

Width

Interior Mount

Type:

Mfg:

Vision Yes No

Height

Exterior Mount

Model:

Color:

:

Door Electrical Information

Voltage: 575 460 400 380 230 208 120

Phase: 3 1 Hertz: 60 50 AC DC

Motor Horsepower: 15 10 7.5 5 3 2 1.5 1 .75 .5 .33 .25

Motor Manufacturer: _____ Model Number: _____ Speed 1 2 variable

Motor Name Plate Information

Voltage Rating _____ Frame: _____ Service Factor: _____

Full Load Amps: _____

Limit Information

Open Limit Mfg: _____ Part # _____ N.O. N.C. N.O.N.C.

Advanced Open Limit Mfg: _____ Part # _____ N.O. N.C. N.O.N.C.

Advanced Close Limit Mfg: _____ Part # _____ N.O. N.C. N.O.N.C.

Close Limit Mfg: _____ Part # _____ N.O. N.C. N.O.N.C.

Hand Chain/Crank Limit Mfg: _____ Part # _____ N.O. N.C. N.O.N.C.

Break Away Mfg: _____ Part # _____ N.O. N.C. N.O.N.C.

Other _____ Mfg: _____ Part # _____ N.O. N.C. N.O.N.C.

Reversing Edge Information

Type: Air Wave Pneumatic Electric Mechanical _____

Wire System: 2 3 4 Air Hose Fail Safe Non-Fail Safe

Instantaneous Reversing Delay Reversing Time _____

Coil Cord Cable Reel

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Dock Door System Information Form

DOOR INFORMATION – CONTINUED

Door Safety Devices:

Photo Eye

Inside: Type: Reflex Thru-Beam

Mfg. _____ Model: _____ Voltage: _____ AC DC

Outside: Type: Reflex Thru-Beam

Mfg. _____ Model: _____ Voltage: _____ AC DC

Spring Break Safety Device

Mfg. _____ Model: _____ Switch Voltage Rating: _____

Cable Break Safety Device

Mfg. _____ Model: _____ Switch Voltage Rating: _____

Other Safety Devices:

Door System System F.L.A

Notes:

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DOCK LEVELER INFORMATION

Mfg: _____ Model: _____
Width _____ Capacity _____
 Interior Loading Dock Exterior Loading Dock
Type: Hydraulic Truck Activated EOD

Leveler Electrical Information

Voltage: 575 460 400 380 230 208 120
Phase: 3 1 Hertz: 60 50 AC DC
Motor Horsepower: 15 10 7.5 5 3 2 1.5 1 .75 .5 .33 .25
Motor Manufacturer: _____ Model Number: _____

Leveler Motor Name Plate Information

Voltage Rating _____ Frame: _____ Service Factor: _____
Full Load Amps: _____

Limit Information

Stored prox mechanical Mfg: _____ Part # _____ N.O. N.C. N.O.N.C.
 Auto Recycle prox mechanical Mfg: _____ Part # _____ N.O. N.C. N.O.N.C.
 Lip Extend prox mechanical Mfg: _____ Part # _____ N.O. N.C. N.O.N.C.
 _____ prox mechanical Mfg: _____ Part # _____ N.O. N.C. N.O.N.C.
 _____ prox mechanical Mfg: _____ Part # _____ N.O. N.C. N.O.N.C.

Solenoids

Lip Extend Voltage: _____ Amps: _____ Mfg: _____ Part # _____
 Raise Voltage: _____ Amps: _____ Mfg: _____ Part # _____
 _____ Voltage: _____ Amps: _____ Mfg: _____ Part # _____

Buttons: Raise Lip Extend Stop E-Stop _____

Dock Leveler System F.L.A

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Truck Restraint

Manufacturer: _____ Model: _____

Restraint Electrical Information

Voltage: 575 460 400 380 230 208 120

Phase: 3 1 Hertz: 60 50 AC DC

Motor Horsepower: 15 10 7.5 5 3 2 1.5 1 .75 .5 .33 .25

Motor Manufacturer: _____ Model Number: _____

Restraint Motor Name Plate Information

Voltage Rating _____ Frame: _____ Service Factor: _____

Full Load Amps: _____

Restraint Limit Information

<input type="checkbox"/> Down <input type="checkbox"/> prox <input type="checkbox"/> mechanical	Mfg: _____ Part # _____	<input type="checkbox"/> N.O. <input type="checkbox"/> N.C. <input type="checkbox"/> N.O.N.C.
<input type="checkbox"/> Up <input type="checkbox"/> prox <input type="checkbox"/> mechanical	Mfg: _____ Part # _____	<input type="checkbox"/> N.O. <input type="checkbox"/> N.C. <input type="checkbox"/> N.O.N.C.
<input type="checkbox"/> Over Travel <input type="checkbox"/> prox <input type="checkbox"/> mechanical	Mfg: _____ Part # _____	<input type="checkbox"/> N.O. <input type="checkbox"/> N.C. <input type="checkbox"/> N.O.N.C.
<input type="checkbox"/> Stored <input type="checkbox"/> prox <input type="checkbox"/> mechanical	Mfg: _____ Part # _____	<input type="checkbox"/> N.O. <input type="checkbox"/> N.C. <input type="checkbox"/> N.O.N.C.
<input type="checkbox"/> I.C.C. Bar <input type="checkbox"/> prox <input type="checkbox"/> mechanical	Mfg: _____ Part # _____	<input type="checkbox"/> N.O. <input type="checkbox"/> N.C. <input type="checkbox"/> N.O.N.C.
<input type="checkbox"/> _____ <input type="checkbox"/> prox <input type="checkbox"/> mechanical	Mfg: _____ Part # _____	<input type="checkbox"/> N.O. <input type="checkbox"/> N.C. <input type="checkbox"/> N.O.N.C.

Restraint Pressure Switches

<input type="checkbox"/> Chock _____	Mfg: _____ Part # _____	<input type="checkbox"/> N.O. <input type="checkbox"/> N.C. <input type="checkbox"/> N.O.N.C.
<input type="checkbox"/> Release _____	Mfg: _____ Part # _____	<input type="checkbox"/> N.O. <input type="checkbox"/> N.C. <input type="checkbox"/> N.O.N.C.
<input type="checkbox"/> _____	Mfg: _____ Part # _____	<input type="checkbox"/> N.O. <input type="checkbox"/> N.C. <input type="checkbox"/> N.O.N.C.

Restraint System F.L.A

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TRUCK LIFT

Manufacturer: _____ Model: _____

Truck Lift Electrical Information

Voltage: 575 460 400 380 230 208 120

Phase: 3 1 Hertz: 60 50 AC DC

Motor Horsepower: 15 10 7.5 5 3 2 1.5 1 .75 .5 .33 .25

Motor Manufacturer: _____ Model Number: _____

Truck Lift Motor Name Plate Information

Voltage Rating _____ Frame: _____ Service Factor: _____

Full Load Amps: _____

Truck Lift Limit Information

Down prox mechanical Mfg: _____ Part # _____ N.O. N.C. N.O.N.C.

Up prox mechanical Mfg: _____ Part # _____ N.O. N.C. N.O.N.C.

Over Travel prox mechanical Mfg: _____ Part # _____ N.O. N.C. N.O.N.C.

Truck Lift System F.L.A .

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Air Shelter

Manufacturer: _____ **Model:** _____

Air Shelter Electrical Information

Voltage: 575 460 400 380 230 208 120

Phase: 3 1 Hertz: 60 50 AC DC

Motor Horsepower: 15 10 7.5 5 3 2 1.5 1 .75 .5 .33 .25

Motor Manufacturer: _____ Model Number: _____

Air Shelter Motor Name Plate Information

Voltage Rating _____ Frame: _____ Service Factor: _____

Full Load Amps: _____

Air Shelter System System F.L.A .

Air Shelter Control Information

Selector Switch on Panel Only

Integrated Inside Panel

Winter Summer

Interlock with Leveler

Building Automation Interlock

Inside Temperature Control

Wind Control

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DOCK LIGHT

Yes No Manufacturer: _____ Model #: _____
Voltage: _____ Wattage: _____ Amperage: _____

Fused Breaker _____

Receptacle Integral Power from Panel ON/Off Selector

Dock Light System F.L.A .

Truck Enclosure Fan

Yes No Manufacturer: _____ Model #: _____
Voltage: _____ Wattage: _____ Amperage: _____

Fused Breaker _____

Receptacle Integral Power from Panel ON/Off Selector

Truck Enclosure Fan System F.L.A .

Other Accessories

Other Accessories F.L.A .

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Door Heater Information

Motor Control in Our Panel Yes No

Manufacturer: _____ **Model:** _____

Electrical Information

Voltage: 575 460 400 380 230 208 120

Phase: 3 1 Hertz: 60 50 AC DC

Motor Horsepower: 15 10 7.5 5 3 2 1.5 1 .75 .5 .33 .25

Motor Manufacturer: _____ Model Number: _____

Door Heater Motor Name Plate Information

Voltage Rating _____ Frame: _____ Service Factor: _____

Full Load Amps: _____

Quantity of Motors: 1 2 3 4

Gas Fired Hot Water Electric Element

Door Heater System F.L.A _____.

Notes:

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Electrical System Summary & Component Manufacturers

System Full Load Amps Calculation

System Component	480 V Full Load Amps	120 VAC Full Load Amps	24 VAC Full Load Amps	Full Load Amps Reference Page
Door				7
Dock Leveler				8
Truck Restraint				9
Truck Lift				10
Air Shelter				11
Dock Light				12
Truck Enclosure Fan				12
Other Accessories				12
Door Heater				13
Total System FLA				

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Control System Component Manufacturers:

Manufacturer Preferences: AB SQD/Schneider GE Cutler Hammer _____

Enclosure Rating: 1 4 4x 4x Stainless 4 x Fiberglass 12

Disconnect: None Rotary Flanged
 AB SQD/Schneider GE Cutler Hammer _____

Protection: Fusing Breakers Mix
 AB SQD/Schneider GE Cutler Hammer _____

Starters: IEC Integral NEMA VFD Soft Starts
 AB SQD/Schneider GE Cutler Hammer _____

PLC: Yes No Brand: _____ Model: _____
 AB SQD/Schneider GE Cutler Hammer _____

DLC: Yes No Brand: _____ Model: _____
 AB SQD/Schneider GE Cutler Hammer _____

Relays: NEMA IEC Plug In Mix
 AB SQD/Schneider GE Cutler Hammer _____

Terminal Blocks: NEMA IEC Brand _____ Model: _____
 AB SQD/Schneider GE Cutler Hammer _____

Push Buttons: 30 mm 22 mm
 AB SQD/Schneider GE Cutler Hammer _____

Fusing: RK J CC M FNQ