Double Axis Control System (DACS)

ORDERING INFORMATION

**DACS** - Double Axis Control System

**System Speed**
- SS - Single Speed System (Across the line starters)
- VF - Variable Frequency Drive
- VB - Variable Frequency Drive with Bypass
- FB - Variable Frequency Drive with Bypass and Isolation contactor

**Horsepower**
1-500 Hp - Horse Power Rating of the largest motor (Advise factory of other Hp)

**Enclosure**
- N12 - NEMA 12 Enclosure & Construction
- 12S - Stainless Enclosure & NEMA 12 Construction
- N3R - NEMA 3R Enclosure & Construction
- N4C - NEMA 4 Enclosure & Construction
- N4X - Stainless Enclosure & NEMA 4X Construction
- N4F - Fiberglass Enclosure & NEMA 4X Construction
- XP1 - Exp. Proof, Haz. Location (Cl 1, Div1, Grp C,D)
- XP2 - Exp. Proof, Haz. Location (Cl 1, Div2, Grp C,D)
- PRG - Purge / Pressurized Construction

**Input Power**
- 110-120VAC / 1 Phase / 60 Hz - 1
- 220-240VAC / 1 Phase / 60 Hz - 2
- 220-240VAC / 3 Phase / 60 Hz - 3
- 380-400VAC / 3 Phase / 50 Hz - 4
- 440-480VAC / 3 Phase / 60 Hz - 5
- 575-600VAC / 3 Phase / 60 Hz - 6
- Other (Please Specify) - 0

**Control Power**
- 110-120VAC - 1
- 24VAC - 2
- 24VDC - 3
- PLC Control Remote / Local - 4
- PLC Control Remote Only - 5
- Other (Please Specify) - 0

CLOSE, BUT NOT EXACTLY
what you are looking for. Don't worry. Each system is built to order. We like to call it
"Customization at no extra cost". You are not paying a surcharge for customizing a standard
product. All you pay for is what you add.

Our production system has been specially designed to handle
custom systems. Tell your sales representative what you want.
We'll have a quote out to you right away.

APPROVAL DRAWINGS
Approval drawings are available
for each system. We encourage
it. You get to review the system before we build it. Request them
with the order.

Ross Systems & Controls • 34 Westgate Blvd • Savannah, Georgia 31405
Phone: 912.238.5800 • Fax: 912.238.1905 • Toll Free 866.SysCon.0 (866.797.2660) • Mail@RossSysCon.com
Double Axis Control System

Overview

Double Axis / Agitator Control System is designed to control both axis or agitators of a system with auxiliary equipment. Designed for single speed or variable speed operation. Multiple options are available. The systems are designed, engineered, assembled and fully tested in our factory.

Standard Features
- Rotary Disconnect Switch
- Branch Circuit Protection
- Control Power Transformer
- NEMA 12 Enclosure (4, 4X, 3R, 7 & 9 available)
- (2) Illuminated ‘Start’ Pushbuttons
- (2) Extended ‘Stop’ Pushbuttons
- Emergency Stop
- (2) Motor Starter (SS- Single Speed Version)
- (2) Variable Frequency Drive (VF–Variable Ver.)
- (2) Speed Potentiometers (VF–Variable Ver.)
- Interlocking Safety Circuit & Motor Shutoff
- Electrical Schematics
- Termination Diagram for ease of installation
- Conforms to NFPA 79—Electrical Standards for Industrial Machines.
- UL508 Listed Shop / Panel Listing Available

Optional Features
- Digital Speed Indicator
- Digital Load / Power Indicator
- Digital Relative Viscosity Indicator
- Digital Temperature Indicator
- Temperature Control
- Digital Pressure/Vacuum Indicator
- Pressure / Vacuum Control
- Digital Cycle Timer
- Hydraulic Lift Controls
- Hydraulic / Pneumatic Controls
- VFD Keypad Door Mounted
- 4-20mA Signal Repeaters
- cUL / UL508 Listing
- Vessel Light Controls
- Phase / Low Voltage Monitor
- Power Conditioning
- Contact factory for more options...

Ross Systems & Controls
34 Westgate Blvd • Savannah, Georgia 31405
Phone: 912.238.5800 • Fax: 912.238.1905 • Toll Free 866.SysCon.0 (866.797.2660) • Mail@RossSysCon.com