Bus Kits, Splices and Bus Isolation Hardware for Field Installation

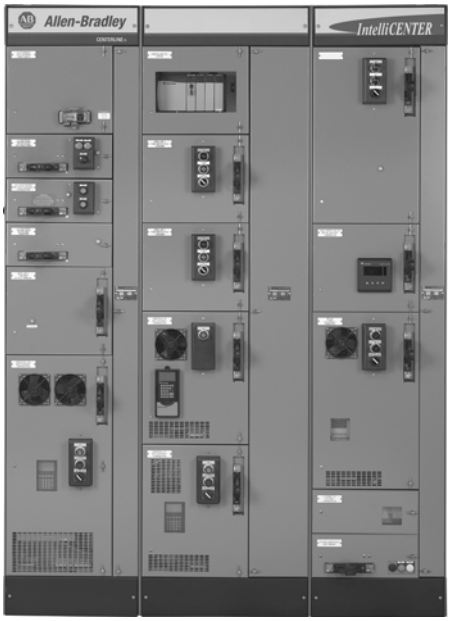
294

Description			Catalog Number	Delivery Program
Vertical Wireway Tie Bar	For use on vertical sections series C or later, with or without a vertical wireway. Includes five (5) vertical wireway tie bars. Mounts on right-hand sidesheet for sections with vertical wireway. Mounts on right-hand and/or left-hand sidesheets for sections without vertical wireway.		2100H-WWTB	SC
Wiring Diagram Holder Kit	For a central location of all wiring diagrams. Includes wiring diagram clip, clip location identification label for outside of section and mounting instructions.		2100H-WDH	
Touch-Up Paint [1]	ANSI 49 medium light gray, 12 oz. spray can (cannot be used for NEMA Type 3R enclosures)		2100H-NP1	
Vertical Ground Bus Kit	Contains vertical ground bus, hardware and installation instructions	Zinc plated steel	2100H-GS1	
	Contains vertical ground bus, six (6) unit plug-in stabs, hardware and installation instructions	Unplated copper	2100H-N79U	
		Tin plated copper	2100H-N79UT	
Vertical Unit Load Ground Bus Kit	Contains vertical ground bus, six (6) unit load connectors, hardware and installation instructions	Unplated copper	2100H-N79L	
		Tin plated copper	2100H-N79LT	
Unit Load Ground Kit	Hardware for connecting unit load ground wires to horizontal ground bus. Kit consists of two, #14 AWG to #4 AWG, lugs and hardware. Horizontal ground bus can accommodate up to six 2100H-UG1 kits.		2100H-UG1	
Horizontal Power Bus Splice Kit	Splice bars, hardware and installation instructions for 3-phase splicing of NEMA Enclosure Type 1, Type 1 with gasket and Type 12 sections. One (1) kit required per shipping split on front mounted lineups, two (2) for back-to-back.	For 600A aluminum, tin plated bus	2100H-NAT06	
		For 800A aluminum, tin plated bus	2100H-NAT08	
		For 600A copper, tin plated bus	2100H-NCT06	
		For 800A copper, tin plated bus	2100H-NCT08	
		For 1200A copper, tin plated bus	2100H-NCT12	
		For 1600A copper, tin plated bus	2100H-NCT16	
		For 2000A copper, tin plated bus	2100H-NCT20	
	Splice bars, hardware and installation instructions for 3-phase splicing of NEMA Type I, Type I with gasket and Type 12 sections. One of the sections has horizontal power bus 5" deeper then normal (Bumped-back Bus)	For 600A aluminum, tin plated bus	2100H-ZAT06	
		For 800A aluminum, tin plated bus	2100H-ZAT08	
		For 600A copper, tin plated bus	2100H-ZCT06	
		For 800A copper, tin plated bus	2100H-ZCT08	
		For 1200A copper, tin plated bus	2100H-ZCT12	
		For 1600A copper, tin plated bus	2100H-ZCT16	
		For 2000A copper, tin plated bus	2100H-ZCT20	
Horizontal Ground Bus Splice Kit	One (1) splice bar per kit, complete with hardware and installation instructions. One (1) kit required per shipping split on front mounted lineups, two (2) for back-to-back.	For 0.25" x 1" unplated copper bus	2100H-NC1	
		For 0.25" x 2" unplated copper bus	2100H-NC2	
		For 0.25" x 1" tin plated copper bus	2100H-NTC1	
		For 0.25" x 2" tin plated copper bus	2100H-NTC2	
NO-OX-ID[1]	NO-OX-ID compound for bus bars and plug-in stabs	1-pint can	2100H-N18	
		1-ounce tube	2100H-N18T	
Neutral Connection Plate Kit [2]	0.25" x 2" x 12" copper tin plated bus plate with #6-250 kcmil lug (280A capacity)	Insulated from and mounted on top of horizontal wireway pan.	2100H-NPC1	
		Insulated from and mounted to unit support pan for blank unit space. **Blank door not included.** Select on page 102.	2100H-NPC2	
		Insulated from and mounted on bottom horizontal wireway pan	2100H-NPC3	
	0.25" x 2" x 12" copper silver plated bus plate with #6-250 kcmil lug (280A capacity)	Insulated from and mounted on top of horizontal wireway pan	2100H-NPS1	
		Insulated from and mounted to unit support pan for blank unit space. **Blank door not included.** Select on page 102.	2100H-NPS2	
		Insulated from and mounted on bottom horizontal wireway pan	2100H-NPS3	
Bus Stab Isolation Kit	Protective caps—for unused plug-in stab openings. 36 per package.		2100H-N1	
	Manual shutters—for isolation of plug-in stab openings. 12 per package. Available for use on vertical sections, series G through current series.		2100H-SM1	
	Automatic shutters—for isolation of plug-in stab openings. 12 per package. Available for use on vertical sections, series G through current series.		2100H-SA1	
Unit Isolating Barriers	For closing the wire opening between unit and vertical wireway. 6 per package. Series K and later structures.		2100H-N2K	

[1] Cannot be air shipped
[2] A neutral connection plate can be used only in sections with a vertical wireway. Not for use in sections with full width frame mounted units, including all mains.

General Information

CENTERLINE® 2100 Motor Control Center



CENTERLINE® 2100 Motor Control Center with IntelliCENTER Technology

Publication Overview

Publication 2100-CA001x-EN-P is a catalog used for CENTERLINE® 2100 Motor Control Centers (MCCs).

Footnotes

While using this publication, please read all footnotes throughout the publication. Footnotes contain necessary information about the configuration and limitations of sections, units and options being offered.

Other Resource Publications for CENTERLINE 2100 Motor Control Centers

[1]

Publication	Title
2100-SR012*x*-EN-P	CENTERLINE 2100 MCC Specification Guide
2100-SR003*x*-EN-P	CENTERLINE 2100 MCC Specification Checklist
2100-4.2	Mains and Incoming Lines Dimension
2100-IN012*x*-EN-P	CENTERLINE 2100 User Manual
2100-6.0.2	Renewal Parts Publication
2100-AT003*x*-EN-P	Power System Configuration Considerations for Selection of CENTERLINE 2100 MCCs
2100-SR008*x*-EN-P	DeviceNet Specification Guide
2100-TD019*x*-EN-P	DeviceNet Hardware Manual

Contact your local Rockwell Automation sales representative, Allen-Bradley distributor or visit www.rockwellautomation.com/literature.

CENTERLINE 2100 MCC Applications

CENTERLINE 2100 MCCs are suitable for use on 3-phase, 3-wire or 4-wire, Wye connected power systems, rated 600 V or less, 50 or 60 hertz, which have a solidly grounded neutral. CENTERLINE 2100 MCCs may also be used on other power system configurations, however, some units and options may not be available. Refer to Appendix page 247 for additional information.

Service and Storage Conditions

CENTERLINE 2100 MCCs conform to NEMA standard ICS 1-1993 for service and storage conditions. All MCCs should have an ambient operating temperature above 0°C but shall not exceed 40°C with up to 95% non-condensing humidity. If the equipment is stored, the ambient temperature shall be above -30°C but shall not exceed 65°C. In addition, MCCs have an altitude class of 2km. The altitude class of 2 km designates equipment for installation where the altitude does not exceed 2000 meters (6600 feet). For installation above 2000 meters, Contact your local Rockwell Automation Sales Office for derating requirements.

UL/cUL/CSA Marking

CENTERLINE 2100 MCCs are listed by Underwriters Laboratories, Inc. (file number E49289) as complying with Standard Safety UL 845 (UL) and either listed by Underwriters Laboratories, Inc. or certified by Canadian Standards Association (CSA) as complying with standard C22-2, No. 254-05 (cUL or CSA). CENTERLINE 2100 MCCs also meet the requirements in Mexican standard for MCCs, NMXJ-353-ANCE-2006. The MCC product, sections and units will therefore carry the respective marking unless otherwise indicated in the footnotes on the various pages in this publication.

ISO 9001 Certification

The facilities that develop and manufacture CENTERLINE 2100 MCCs are located in Milwaukee and Richland Center, Wisconsin, Cambridge, Ontario, Canada, Tecate, Mexico and Guadalupe, Mexico. All facilities have been certified to be in conformance to the requirements of Quality Management System ISO 9001. These facilities presently are certified by Det Norske Veritas to ISO 9001: 2000, certificate number CERT-9379-2004-AQ-HOU ANAB, effective May 30, 2007.