

KwikHinge™ Enclosures



Featuring Concealed Sliding Hinge Pins for easy door removal and mounting.

KwikHinge™ doors enable quick and easy removal of doors.

This makes common tasks like subpanel installation or door modifications substantially easier.

The hinge pin is made of stainless steel for strength and durability, and is held in the hinge with a retainer clip while the door is removed.



The hinge is concealed on the back side of the door when the enclosure is closed.



Disconnect Handle Applications for Disconnect Enclosures

Designed to house the following available at AutomationDirect.com

Available at AutomationDirect.com

- AutomationDirect.com NEMA 1/12 Flexible shaft handle for Molded Case Circuit Breakers (MCCBs). Series F_SO_C flex handle mechanisms are available in four sizes to actuate all AutomationDirect MCCBs from 15 amps up to 600 amps. **F0S03C, F0S06C, F1S03C, F1S06C, F3S03C, F3S06C, F4S04C, and F4S06C**
- Socomec Disconnect switches with cable, flange-mounted cable operator and handles. Handles **37299002** and **37299003**, cable operator **37299903**, and cables **37299992** (3ft) or **37299993** (5ft)
- Fuji Electric NEMA 12 flexible shaft handle for Molded Case Circuit Breakers (MCCBs). Series BW9F flex handle mechanisms are available in four sizes to actuate all Fuji Electric MCCBs from 15 Amps to 800 Amps. **BW9F0CA-15A, BW9F0CA-20A, BW9F0GA-15A, BW9F0GA-20A, BW9F0HA-15A, BW9F0HA-20A, BW9F0JA-15A, and BW9F0JA-20A.**
- Gladiator Molded Case Circuit Breakers (MCCBs) flange mounted cable operator and handles. See Gladiator sections for handles and cable options. **GCBX1-FHC-N3R4-M, GCBX1-FHC-N4X-M, GCBX5-FHC-N3R4-M, and GCBX5-FHC-N4X-M**

Disconnect Enclosure Series	AutomationDirect F_SO_C Series	Socomec 37299002 and 37299003	Fuji BW9F series	Gladiator GCBX
N412_CD Series	✓	✓	✓	✓
N412_CDSS Series	✓	✓	✓	✓
N412_CDSSA Series	✓	✓	✓	✓
N412_CSTD Series	✓	✓	✓	✓
N412_CSSSTD Series	✓	✓	✓	✓
SDN_PL Series	✓	✓	✓	✓
SN4 Series	✓	✓	✓	✓
ABN12 Series	✗	✗	✗	✗
SSN4X Series	✓	✓	✓	✓
SSN4X_A Series	✓	✓	✓	✓
WRD-XM_FS4 Series	✓	✓	✓	✓
WRD-XM_FSD4 Series	✓	✓	✓	✓

Designed to house other brands

- Allen-Bradley** Bulletin 1494V and 140U disconnect switches with flange-mounted variable-depth operating mechanisms and Bulletin 1494V flange-mounted variable-depth operating mechanisms for circuit breakers. These enclosures will not accept Allen-Bradley Bulletin 1494F disconnect devices or Bulletin 1494D circuit breaker operators
- ABB Controls** flange-mounted variable-depth operating mechanisms for disconnect switches and circuit breakers
- Eaton / Cutler-Hammer** Type C361 flange-mounted variable depth
- Eaton / Cutler-Hammer** Type C361 flange-mounted variable-depth operating mechanisms with disconnect switches and Type C371 flange-mounted variable depth operating mechanisms for circuit breakers; also Flex Shaft™ handle mechanisms for circuit breakers
- General Electric** Type STDA flange handles and variable depth operating
- General Electric** Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers; also Spectra Flex™ cable operators for circuit breakers
- SIEMENS** I-T-E Max-Flex flange-mounted variable depth operating handle for disconnect switches and circuit breakers
- Square D** Class 9422 disconnect switches with flange-mounted variable depth operating mechanisms or cable Industry Standards mechanisms and Class 9422 flange-mounted variable depth operating mechanisms or cable mechanisms for circuit breakers. These enclosures will not accept Square D Class 9422 bracket-mounted disconnect devices, Class 9422TG1, or TG2 devices.

Disconnect Enclosures Series	Other Brands						
	Square D 9422 series	Allen-Bradley 1494F and 1494D series	Allen-Bradley 1494V, 1494C, 140U, 194RC series	ABB Controls	Eaton/Cutler-Hammer C361 and C371 series	General Electric STDA series	Siemens I-T-E Max-Flex Series
N412_CD Series	✓	✗	✓	✓	✓	✓	✓
N412_CDSS Series	✓	✗	✓	✓	✓	✓	✓
N412_CDSSA Series	✓	✗	✓	✓	✓	✓	✓
N412_CSTD Series	✓	✗	✓	✓	✓	✓	✓
N412_CSSSTD Series	✓	✗	✓	✓	✓	✓	✓
SDN_PL Series	✓	✗	✓	✓	✓	✓	✓
SN4 Series	✓	✗	✓	✓	✓	✓	✓
ABN12 Series	✗	✓	✗	✗	✗	✗	✗
SSN4X Series	✓	✗	✓	✓	✓	✓	✓
SSN4X_A Series	✓	✗	✓	✓	✓	✓	✓
WRD-XM_FS4 Series	✓	✗	✓	✓	✓	✓	✓
WRD-XM_FSD4 Series	✓	✗	✓	✓	✓	✓	✓

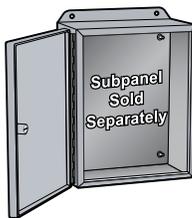
KwikHinge™ Series NEMA 3R, 4, and 12 Freestanding Single- and Two-Door Disconnect



WRD72XM3918FS4



WRD72XM5318FSD4



Applications

Designed to house and protect electrical and electronic controls, components and instruments in typical industrial environments. Enclosures protect equipment from dust, dirt, and water. These enclosures are used in machine tool applications for housing motor starters, drives, and contactors, PLCs, as well as a wide variety of other electrical and electronic equipment. The addition of 19 in [483 mm] rack-mounted accessories make these enclosures ideal for providing rugged protection for sensitive rack-mounted components in harsh industrial environments.

Construction

- Bodies and doors fabricated from carbon steel
- KwikHinge™ heavy-duty 316 stainless steel sliding hinge pins
- Continuous welded seams, ground smooth
- Removable heavy-duty lifting eyes for easy handling
- Door opens 170°
- Door sealed with Polyurethane poured-in-place gasket
- Subpanel included
- Uni-strut mounting channels welded horizontally to interior body sides to allow subpanels to be positioned in enclosure. Optional swing, half, full panels and rack angles can be mounted anywhere along the uni-strut channel
- 3-point keylocking/padlocking handle included
- Uses WAL4 series handles and WAEMK4A replacement key

Finish

- ANSI 61 gray light-textured polyester powder coat, interior and exterior

Listings

- cULus File E64791
- IEC 60529, IP66
- UL 508A 3R, 4, and 12
- Meets NEMA/EEMAC 3R, 4, and 12 requirements



Note: For current listings, please see www.automationdirect.com

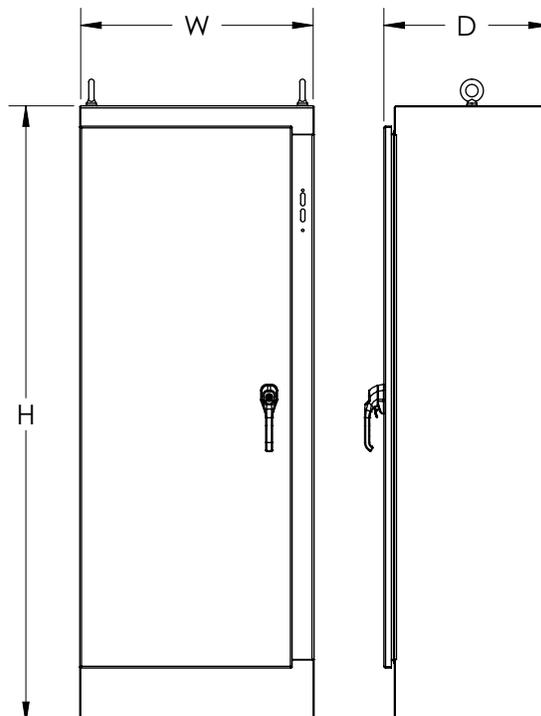


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Part Number	Price	Enclosure Size HxWxD	Number of Hinges per Door
Single-Door			
<u>WRD72XM3918FS4</u>	\$3,391.00	72.13 x 39.50 x 19.29 [1832 x 1003 x 490]	4
Two-Door			
<u>WRD72XM5318FSD4</u>	\$4,769.00	72.13 x 53.50 x 19.29 [1832 x 1359 x 490]	4
<u>WRD72XM7724FSD4</u>	\$6,763.00	72.13 x 78.50 x 25.29 [1832 x 1994 x 642]	4
Note: Dimensions in inches [millimeters].			

Dimensions



KwikHinge™ Series NEMA 3R, 4, and 12 Freestanding Single- and Two-Door Disconnect



Dimensions

