

JUNCTION BOXES and WALL MOUNTED ENCLOSURES



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JUNCTION BOXES
NEMA 4



WALL MOUNTED ENCLOSURES
Single Door : NEMA 4



WALL MOUNTED ENCLOSURES
Double Door : NEMA 12

DM COMPACT

- Single Body Construction
- C3-M Corrosion Resistance
- -40 °C +100°C working temprature



DM JUNCTION BOX -Carbon Steel



Description:

Wall-Mounted, Indoor Enclosure - With Mounting Panel
Left hand hinged single door (reverse is possible) , 1/4 turn latch with screwdriver insert
Wall mounting holes with riv-nut
Standards Compliance: UL 50E / IEC 62208

Protection Ratings:

Protection Ratings: UL/cUL Type 1, 3R, 12, 4 UL File Number E352599 / IP66 (IEC 60 529)
Corrosion Resistance: C3-M according to EN ISO 12944-2
Impact Protection: IK10 according to IEC EN 60529

Materials:

Enclosure, Door: DC-01 Carbon Steel
Mounting Panel: DX51 Galvanized Steel

Surface Finish:

Enclosure, Door: Nano coating primed, RAL 7035 Light Gray with textured powder coated

Supply Includes:

Enclosure with wall mounting holes, Door , Mounting Panel

Options:

Wall brackets, grounding cables, and other accessories



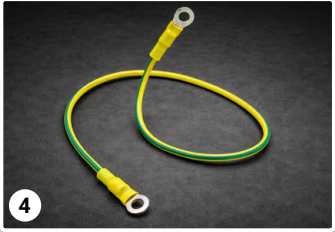
DM JUNCTION BOX - Carbon Steel

DM Junction Box Enclosures - Carbon Steel (mounting panel included)

Product Code	No. of Door(s)	Size HxWxD (Inch)			Size HxWxD (mm)			M.Panel Size HxW (Inch)		M.Panel Size HxW (mm)	
DM U232.201	1	7.9	7.9	5.9	200	200	150	7.3	6.9	185	175
DM U232.251	1	9.8	7.9	5.9	250	200	150	9.3	6.9	235	175
DM U232.215	1	9.8	9.8	5.9	250	250	150	9.3	8.9	235	225
DM U232.315	1	11.8	9.8	5.9	300	250	150	11.2	8.9	285	225
DM U233.315	1	11.8	11.8	5.9	300	300	150	11.2	10.8	285	275

Accessories - DM Junction Box Enclosures

	Product Code	Description
1	971.300	Wallmount Brackets , PU:4
2	951.260	5,00 mm doublebit insert for 1/4 turn latches , PU:1
2	951.263	Slotted screwdriver insert for 1/4 turn latches , PU:1
3	952.101	5,00 mm Double-bit Key , PU:1
4	991.208	Ground Strap M8 -16mm² Yellow-Green 210mm(8.26") ,PU:5
4	991.209	Ground Strap M8 -16mm² Yellow-Green 260mm(10.23") , PU:5
4	991.210	Ground Strap M8 -16mm² Yellow-Green 310mm(12.20") , PU:5
5	991.200	Grounding Braid M6 - 12x3x163mm (0.59"x0.12") , PU:10
5	991.201	Grounding Braid M6 - 12x3x260mm (0.59"x0.12") , PU:10



DM WALL MOUNTED ENCLOSURE - Single Door - Carbon Steel



Description:

Wall-Mount / Freestanding with Plinth – Indoor / Outdoor Option (a)
Single Door , Mounting panel included , Wall mounting holes with riv-nut
Standards Compliance: UL 50E and IEC 62208



Protection Ratings

Protection Ratings: UL/cUL Type 1, 3R, 12, 4 - UL File Number E352599 / IP66 (IEC 60 529)
Corrosion Resistance: C3-M according to EN ISO 12944-2
Impact Protection: IK10 according to IEC EN 60529

Door Types:

130° left hand hinged door (reverse is possible) , one 1/4 turn latch with screwdriver insert (Door Type A)
130° left hand hinged door (reverse is possible) , two 1/4 turn latches with screwdriver insert (Door Type B , C)
130° left hand hinged door (reverse is possible) , 3-point latching tool-to-open swing handle with screwdriver insert (Door Type D)

Materials:

Enclosure, Door: DC-01 Carbon Steel
Mounting Panel: DX51 Galvanized Steel

Surface Finish:

Enclosure, Door: Nano coating primed, RAL 7035 Light Gray with textured powder coated

Supply Includes:

Enclosure with wall mounting holes, Door , Mounting Panel

Options:

Wall brackets, grounding cables, and other accessories

(a): For outdoor applications, an Outdoor Canopy is required. Installation locations must comply with C3-M corrosion level according to EN ISO 12944-2

DM WALL MOUNTED ENCLOSURE - Single Door - Carbon Steel

DM Wall Mounted Enclosures - Single Door -Carbon Steel (mounting panel included)



A



B



C



D

Product Code	Door(s) Type	Size HxWxD (Inch)			Size HxWxD (mm)			M.Panel Size HxW (Inch)		M.Panel Size HxW (mm)	
DM U252.321	A	11.8	9.8	8.3	300	250	210	10.8	7.9	275	200
DM U253.315	A	11.8	11.8	5.9	300	300	150	10.8	9.8	275	250
DM U253.415	A	15.7	11.8	5.9	400	300	150	14.8	9.8	375	250
DM U253.421	A	15.7	11.8	8.3	400	300	210	14.8	9.8	375	250
DM U254.421	A	15.7	15.7	8.3	400	400	210	14.8	13.8	375	350
DM U254.515	B	19.7	15.7	5.9	500	400	150	18.7	13.8	475	350
DM U254.521	B	19.7	15.7	8.3	500	400	210	18.7	13.8	475	350
DM U255.521	B	19.7	19.7	8.3	500	500	210	18.7	17.7	475	450
DM U255.530	B	19.7	19.7	11.8	500	500	300	18.7	17.7	475	450
DM U254.621	B	23.6	15.7	8.3	600	400	210	22.6	13.8	575	350
DM U254.626	B	23.6	15.7	10.2	600	400	260	22.6	13.8	575	350
DM U255.621	B	23.6	19.7	8.3	600	500	210	22.6	17.7	575	450
DM U255.626	B	23.6	19.7	10.2	600	500	260	22.6	17.7	575	450
DM U256.621	B	23.6	23.6	8.3	600	600	210	22.6	21.7	575	550
DM U256.630	B	23.6	23.6	11.8	600	600	300	22.6	21.7	575	550
DM U255.721	B	27.6	19.7	8.3	700	500	210	26.6	17.7	675	450
DM U256.726	B	30	23.6	10.2	760	600	260	28.9	21.7	735	550
DM U257.721	B	30	30	8.3	760	760	210	28.9	28	735	710
DM U256.726	B	30	30	10.2	760	760	260	28.9	28	735	710
DM U257.730	B	30	30	11.8	760	760	300	28.9	28	735	710
DM U257.740	B	30	30	15.8	760	760	400	28.9	28	735	710
DM U256.821	B	31.5	23.6	8.3	800	600	210	30.5	21.7	775	550
DM U256.826	B	31.5	23.6	10.2	800	600	260	30.5	21.7	775	550
DM U256.830	B	31.5	23.6	11.8	800	600	300	30.5	21.7	775	550
DM U258.821	B	31.5	31.5	8.3	800	800	210	30.5	29.5	775	750
DM U258.830	B	31.5	31.5	11.8	800	800	300	30.5	29.5	775	750

DM WALL MOUNTED ENCLOSURE - Single Door - Carbon Steel



Description:

Wall-Mount / Freestanding with Plinth – Indoor / Outdoor Option (a)
Single Door , Mounting panel included , Wall mounting holes with riv-nut
Standards Compliance: UL 50E and IEC 62208



Protection Ratings

Protection Ratings: UL/cUL Type 1, 3R, 12, 4 - UL File Number E352599 / IP66 (IEC 60 529)
Corrosion Resistance: C3-M according to EN ISO 12944-2
Impact Protection: IK10 according to IEC EN 60529

Door Types:

130° left hand hinged door (reverse is possible) , one 1/4 turn latch with screwdriver insert (Door Type A)
130° left hand hinged door (reverse is possible) , two 1/4 turn latches with screwdriver insert (Door Type B , C)
130° left hand hinged door (reverse is possible) , 3-point latching tool-to-open swing handle with screwdriver insert (Door Type D)

Materials:

Enclosure, Door: DC-01 Carbon Steel
Mounting Panel: DX51 Galvanized Steel

Surface Finish:

Enclosure, Door: Nano coating primed, RAL 7035 Light Gray with textured powder coated

Supply Includes:

Enclosure with wall mounting holes, Door , Mounting Panel

Options:

Wall brackets, grounding cables, and other accessories

(a): For outdoor applications, an Outdoor Canopy is required. Installation locations must comply with C3-M corrosion level according to EN ISO 12944-2

DM WALL MOUNTED ENCLOSURE - Single Door - Carbon Steel

DM Wall Mounted Enclosures - Single Door -Carbon Steel (mounting panel included)



A



B



C



D

Product Code	Door(s) Type	Size HxWxD (Inch)			Size HxWxD (mm)			M.Panel Size HxW (Inch)		M.Panel Size HxW (mm)	
DM U257.921	C	35.4	30	8.3	900	760	210	34.4	28	875	710
DM U257.926	C	35.4	30	10.2	900	760	260	34.4	28	875	710
DM U257.930	C	35.4	30	11.8	900	760	300	34.4	28	875	710
DM U257.940	C	35.4	30	15.8	900	760	400	34.4	28	875	710
DM U259.921	C	35.4	35.4	8.3	900	900	210	34.4	33.5	875	850
DM U259.926	C	35.4	35.4	10.2	900	900	260	34.4	33.5	875	850
DM U259.930	C	35.4	35.4	11.8	900	900	300	34.4	33.5	875	850
DM U259.940	C	35.4	35.4	15.8	900	900	400	34.4	33.5	875	850
DM U256.126	C	39.4	23.6	10.2	1000	600	260	38.4	21.7	975	550
DM U256.130	C	39.4	23.6	11.8	1000	600	300	38.4	21.7	975	550
DM U258.126	C	39.4	31.5	10.2	1000	800	260	38.4	29.5	975	750
DM U258.130	C	39.4	31.5	11.8	1000	800	300	38.4	29.5	975	750
DM U248.140	C	39.4	31.5	15.7	1000	800	400	38.4	29.5	975	750
DM U256.123	D	47.2	23.6	11.8	1200	600	300	46.3	21.7	1175	550
DM U258.123	D	47.2	31.5	11.8	1200	800	300	46.3	29.5	1175	750
DM U248.124	D	47.2	31.5	15.7	1200	800	400	46.3	29.5	1175	750
DM U259.221	D	47.2	35.4	8.3	1200	900	210	46.3	33.5	1175	850
DM U259.226	D	47.2	35.4	10.2	1200	900	260	46.3	33.5	1175	850
DM U259.230	D	47.2	35.4	11.8	1200	900	300	46.3	33.5	1175	850
DM U259.240	D	47.2	35.4	15.8	1200	900	400	46.3	33.5	1175	850
DM U259.530	D	59.1	35.4	11.8	1500	900	300	58.1	33.5	1475	850

DM WALL MOUNTED ENCLOSURE - Double Door - Carbon Steel



Description:

Wall-Mount / Freestanding with Plinth – Indoor Enclosure
Double Door, Mounting panel included, Wall mounting holes with riv-nut
Standards Compliance: UL 50E and IEC 62208



Protection Ratings:

Protection Ratings: UL/cUL Type 1, 12 - UL File Number E352599 / IP54 (IEC 60 529)
Corrosion Resistance: C3-M according to EN ISO 12944-2
Impact Protection: IK10 according to IEC EN 60529

Door Types:

130° left-right hand hinged double doors , four 1/4 turn latches with screwdriver insert (Door Type E)
130° right hand hinged double doors , 3-point latching tool-to-open swing handle with screwdriver insert ,
2-point latching tool with inner handle to open left door (Door Type F)

Materials:

Enclosure, Doors: DC-01 Carbon Steel
Mounting Panel: DX51 Galvanized Steel

Surface Finish:

Enclosure, Doors: Nano coating primed, RAL 7035 Light Gray with textured powder coated

Supply Includes:

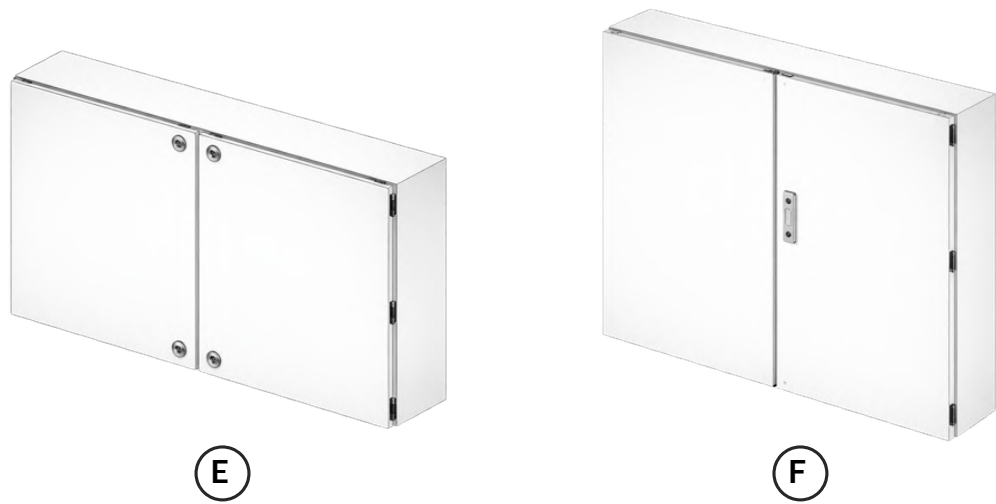
Enclosure with wall mounting holes, Double Doors , Mounting Panel

Options:

Wall brackets, grounding cables, and other accessories

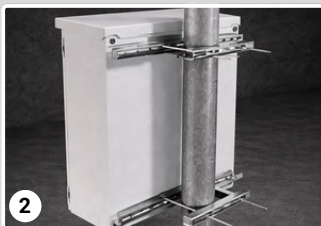
DM WALL MOUNTED ENCLOSURE - Double Door - Carbon Steel

DM Wall Mounted Enclosures - Double Door -Carbon Steel (mounting panel included)



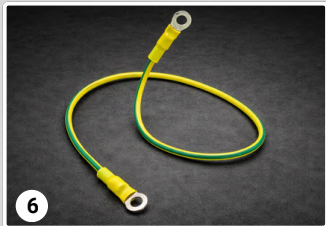
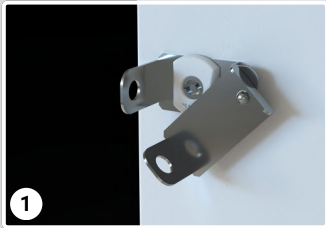
Product Code	Door(s) Type	Size HxWxD (Inch)			Size HxWxD (mm)			M.Panel Size HxW (Inch)		M.Panel Size HxW (mm)	
DM U241.130	E	39.4	39.4	11.8	1000	1000	300	38.4	37.4	975	950
DM U241.123	F	47.2	39.4	11.8	1200	1000	300	46.3	37.4	1175	950
DM U241.230	F	47.2	47.2	11.8	1200	1200	300	46.3	45.3	1175	1150
DM U241.140	F	47.2	47.2	15.7	1200	1200	400	46.3	45.3	1175	1150
DM U241.143	F	55.1	39.4	11.8	1400	1000	300	54.1	37.4	1375	950
DM U241.144	F	55.1	39.4	15.7	1400	1000	400	54.1	37.4	1375	950

ACCESSORIES - DM WALL MOUNTED ENCLOSURE



	Product Code	Description
1	971.300	Wallmount Brackets , PU:4
2	973.003	Pole Clamp for DM W:300mm (11.8")
2	973.004	Pole Clamp for DM W:400mm (15.7")
2	973.005	Pole Clamp for DM W:500mm (19.7")
2	973.006	Pole Clamp for DM W:600mm (23.6")
3	973.042	DM Rain Canopy , WD : 400x210mm (15.7"x 8.3")
3	973.052	DM Rain Canopy , WD : 500Wx210D (19.7"x 8.3")
3	973.062	DM Rain Canopy , WD : 600Wx210D (23.6"x 8.3")
3	973.063	DM Rain Canopy , WD : 600Wx300D (23.6"x 11.8")
3	973.083	DM Rain Canopy , WD : 800Wx300D (31.5"x 11.8")
4	983.121	Air Filter with Rain Canopy , Filter :150x150mm
4	983.122	Air Filter with Rain Canopy , Filter :250x250mm
4	983.125	Rain Canopy for Air Filter ,WH:460mmx500mm, without filter
5	975.034	Swing Panel HW: 400x300mm (15.7"x 11.8")
5	975.044	Swing Panel HW: 400x400mm (15.7"x 15.7")
5	975.045	Swing Panel HW: 500x400mm (19.7"x 15.7")
5	975.046	Swing Panel HW: 600x400mm (23.6"x 15.7")
5	975.068	Swing Panel HW: 800x600mm (31.5"x 23.6")
5	975.610	Swing Panel HW: 1000x600mm (39.4"x 23.6")
5	975.810	Swing Panel HW: 1000x800mm (39.4"x 31.5")
5	975.812	Swing Panel HW: 1200x800mm (47.2"x 31.5")
6	973.442	Metal Plan Pocket W: 400,500,1000mm (15.7",19.7",39.4")
6	973.542	Metal Plan Pocket W: 600,1200mm (23.6",47.2")
6	973.742	Metal Plan Pocket W: 800mm (31.5")
7	973.142	Door Stop for DM
8	973.110	Window Kit , WHD: 210mm(8.26")x210mm(8.26")x75mm(2.95")
8	973.112	Window Kit , WHD: 355mm(13.97")x300mm(11.8")x75mm(2.95")
8	973.114	Window Kit , WHD: 410mm(16.14")x560mm(22.04")x75mm(2.95")

ACCESSORIES - DM WALL MOUNTED ENCLOSURE



	Product Code	Description
1	950.253	Padlock Hasp for 1/4 turn latches
2	951.260	5 mm doublebit insert for 1/4 turn latches
2	951.263	Slotted screwdriver insert for 1/4 turn latches
3	950.203	Swing Handle with 5mm double-bit insert
3	950.204	Swing Handle with screwdriver insert
4	950.210	T Handle with key-locking(5333) for DM
5	952.101	5,00 mm Double-bit Key
6	991.208	Ground Strap M8 -16mm² Yellow-Green 210mm(8.26") ,PU:5
6	991.209	Ground Strap M8 -16mm² Yellow-Green 260mm(10.23") , PU:5
6	991.210	Ground Strap M8 -16mm² Yellow-Green 310mm(12.20") , PU:5
7	991.200	Grounding Braid M6 - 12x3x163mm (0.59"x0.12") , PU:10
7	991.201	Grounding Braid M6 - 12x3x260mm (0.59"x0.12") , PU:10

		IP & NEMA ENCLOSURE RATINGS														
		INDOOR USE					OUTDOOR USE									
		IP20	IP22	IP53	IP54		IP24		IP55				IP66		IP67	IP68
		NEMA 1	NEMA 2	NEMA 5	NEMA 12/12 K	NEMA 13	NEMA 3R	NEMA 3RX	NEMA 3	NEMA 3X	NEMA 3S	NEMA 3SX	NEMA 4	NEMA 4X	NEMA 6	NEMA 6P
SOLIDS	Incidental Contact	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Falling Dirt	●	●		●	●	●	●	●	●	●	●	●	●	●	●
	Circulating Dust				●	●							●	●	●	●
	Settling Airborne Dust			●	●	●							●	●	●	●
	Windblown Dust								●	●	●	●				
	Lint			●	●	●										
	Fibers			●	●	●										
	Flyings			●	●	●										
LIQUIDS	Falling Rain						●	●	●	●	●	●	●	●	●	●
	Wind-driven Rain								●	●	●	●	●	●	●	●
	Snow						●	●	●	●	●	●	●	●	●	●
	Sleet						●	●	●	●	●	●	●	●	●	●
	Ice Laden										●					
	Splashing Water												●	●	●	●
	Hose-directed Water												●	●	●	●
	Temporary Submersion														●	●
	Prolonged Submersion															●
CHEMICALS	Seepage of Non-corrosive Liquids				●	●										
	Spraying Non-corrosive Liquids					●										
	Corrosion							●		●		●		●		●

TEKPAN Products for Harsh Environments



Company Management
System Approval



Canadian and US Standards
and Approval



IEC Product Standards
and Approval



European Standards and
Compliance

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