



350 BURNSVILLE PKWY
SUITE 400
BURNSVILLE, MN 55337

507.333.3990
TRYSSTAR.COM

PERMANENT POWER ENCLOSURE SIZING

DATE: 4/1/2022
VERSION: 5.1

UNIT	ONE-LINE	WALL MOUNT				PADMOUNT			
		COMMERCIAL	SMALL 19	MEDIUM 19	LARGE 19	PADMOUNT	PADMOUNT EXTRA DEPTH	DUAL PADMOUNT	DUAL PAD EXTRA DEPTH
GDS:									
SINGLE PURPOSE	GDS-1,-4	0-400A	0-600A	601-1200A	1201-2000A	2001-4000A	4001-5000A	N/A	N/A
SP - KK DOOR	GDS-2	N/A	0-600A	601-1200A	1201-2000A	2001-4000A	4001-5000A	N/A	N/A
SP - PASS THRU	GDS-3	N/A	0-400A	401-800A	801-1200A	1201-2500A	2501-4000A	4001-5000A ¹	N/A
DUAL PURPOSE - KK (PASS THRU)	GDS-6	N/A	0-300A	301-600A	601-1200A	1201-2500A	2501-4000A	4001-5000A ¹	N/A
SBDS:⁵									
SINGLE PURPOSE	SBDS-1,-5	N/A	0-600A	601-800A	801-1200A	801-4000A	4001-5000A	N/A	N/A
SP - KK BREAKER	SBDS-2	N/A	0-600A	601-800A	801-1200A	1201-4000A	4001-5000A	N/A	N/A
SP - PASS THRU - KK BREAKER	SBDS-3	N/A	0-250A	251-600A	601-800A	801-2000A	2001-4000A	N/A	N/A
SP - PASS THRU - KK INTERLOCK	SBDS-4	N/A	0-400A	401-600A	601-1200A	1201-2000A	2001-4000A	N/A	4001-5000A ¹
DP - PASS THRU - MTS SETUP	SBDS-6	N/A	0-250A	251-600A	601-1200A	1201-2000A	2001-4000A	N/A	4001-5000A ¹
DP - PASS THRU - KK BREAKER	SBDS-7	N/A	0-250A	251-600A	601-800A	801-2000A	2001-3200A	N/A	N/A
DBDS:⁵									
SINGLE PURPOSE - MTS SETUP	DBDS-1	N/A	0-250A	251-600A	601-800A	801-2000A	2001-4000A	N/A	4001-5000A ¹
DP - KK/CAMLOK INTERLOCK - LOAD BANK BREAKER	DBDS-4	N/A	0-250A	251-600A	601-800A	801-2000A	2001-3000A	3001-4000A	N/A
DP - PASS THRU - MTS SETUP	DBDS-5	N/A	0-250A	251-600A	601-800A	801-2000A	2001-3000A	3001-4000A	4001-5000A ¹
DP - KK TEMP GEN BREAKER- LOAD BANK BREAKER	DBDS-6	N/A	0-250A	251-600A	601-800A	801-2000A	2001-3000A	3001-4000A	N/A
TMTS:									
SINGLE PURPOSE ROTARY	TMTS-1	N/A	0-400A	401-600A	601-1200A⁴	N/A	N/A	N/A	N/A
SP ROTARY W/ BREAKER ⁵	TMTS-2,-3,-4	N/A	0-400A	401-600A	601-1200A⁴	N/A	N/A	N/A	N/A
DUAL PURPOSE ROTARY	TMTS-5	N/A	0-300A	301-600A	601-800A	801-1200A	N/A	N/A	N/A
DP ROTARY W/ BREAKER ⁵	TMTS-6	N/A	0-200A	201-600A	601-800A	801-1200A	N/A	N/A	N/A
TATS:									
SINGLE PURPOSE ATS	TATS-1	N/A	0-250A	251-600A	601-1200A	1201-2000A⁹	2001-4000A⁹	N/A	4001-5000A ^{1,9}
SINGLE PURPOSE ATS + SERVICE ENTRANCE BREAKER ⁵	TATS-2	N/A	0-250A	251-600A	601-1200A	N/A	N/A	N/A	N/A
DUAL PURPOSE ATS + SERVICE ENTRANCE BREAKER ⁵	TATS-3	N/A	0-250A	251-600A	601-1200A	N/A	N/A	N/A	N/A
LINKS TO LEG KIT VERSIONS OF WALL MOUNT ENCLOSURES:		N/A	S19 LEG KIT	M19 LEG KIT	L19 LEG KIT	N/A	N/A	N/A	N/A
KEY:		NOTES:							
ATS = AUTOMATIC TRANSFER SWITCH		1. NOT LISTED, REQUIRES PE LABELING							
DP = DUAL PURPOSE		4. TMTS AMPERAGES 801A AND UP USE TRUONE TRANSFER SWITCH							
KK = KIRK KEY		5. BREAKERED BUILDS DESIGNED TO TRYSSTAR STANDARD BREAKERS AND STANDARD LUGS 7/19, ANY ALTERNATIVE BREAKER OR LUGS WILL REQUIRE SIZING REVIEW							
MTS = MANUAL TRANSFER SWITCH		9. ATS APPLICATIONS OVER 1200A USE ABB INTERLOCKING DUAL BREAKER SETUP SP = SINGLE PURPOSE							
*FOR SIZING REFERENCE ONLY									
**ADDITION OF FEATURES OR ANY ALTERATION TO DESIGN STANDARDS WILL REQUIRE SIZING REVIEW; SUCH AS: 4P BREAKERS, 100% RATED BREAKERS, ALTERNATE ONE-LINES, ETC.									