

# SERVICE ENTRANCE STYLE R (SER)

## 600V - 8000 SERIES ALUMINUM ALLOY

### DESCRIPTION:

Compact stranded 8000 series aluminum alloy conductors. XHHW-2 insulation on individual conductors. Three conductors with a ground: two insulated conductors with an insulated neutral and bare ground. Gray PVC jacket is extruded over the assembly.

### STANDARDS & SPECIFICATIONS:

- UL 44 for Type XHHW-2 Conductors
- UL 854
- Federal Specification JC-30B NEC
- 8000 Series AL Alloy
- Flame Retardant Jacket
- Sunlight Resistant Jacket



Service Entrance -Style R (SER) - Three Conductors with Ground						
Construction	Phase Conductor Stranding	Ground Conductor Stranding	Nom. Cable OD (in.)	Amp. (90°C)	Amp. (Dwelling)	LBS/MFT
8/3c w/g	7	7	.592	45	-	130
6/3c w/g	7	7	.697	60	-	185
4/3c w/g	7	7	.791	75	-	246
2/3c w/g	7	7	.918	100	100	351
1/3c w/g	19	7	1.039	115	110	443
1/0-3c w/g	19	7	1.143	135	125	530
2/0-3c w/g	19	19	1.247	150	150	642
3/0-3c w/g	19	19	1.338	175	175	780
4/0-3c w/g	19	19	1.472	205	200	952
250/3c w/g	37	19	1.635	230	225	1109
Service Entrance -Style R (SER) - Four Conductors with Ground						
Construction	Phase Conductor Stranding	Ground Conductor Stranding	Nom. Cable OD (in.)	Amp. (90°C)	Amp. (Dwelling)	LBS/MFT
2/4c w/g	7	7	1.031	100	100	453
2/0-4c w/g	19	19	1.374	150	150	827
4/0-4c w/g	19	19	1.634	205	200	1231
250/4c w/g	37	19	1.961	230	225	1458

\*\*Ampacity chart per NEC.



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