

SINGLE PHASE SOLID STATE RELAYS

celpac® 2G

The 22,5mm pitch SSR solution

Our SU range comes with plug-in connectors. Our parts include removable protective components and some models are "ready to use" with integrated heatsinks (SUL and SUM versions).



SU range with pluggable connector on inputs

SU

→ For mounting on your heatsink or panel mount

SU7 : designed for motors AC-53 and inductive loads.

Also use in phase angle control systems

SU8 : designed for most types of loads / integrated VDR protection

SU9 : designed for resistive loads AC-51

Product reference	Thyristor rating	Switching voltage	Peak voltage	Switching current	I ² t
SU765070	50A	24-510VAC	1 200V	3.5-32VDC	1 680A ² s
SU842070	25A	12-275VAC	600V	3-32VDC	600A ² s
SU842770	25A	12-275VAC	600V	18-30VAC/DC	600A ² s
SU842970	25A	12-275VAC	600V	160-240VAC	600A ² s
SU865070	50A	24-510VAC	1 200V	3.5-32VDC	1 680A ² s
SU865770	50A	24-510VAC	1 200V	18-30VAC/DC	1 680A ² s
SU865970	50A	24-510VAC	1 200V	160-240VAC	1 680A ² s
SU867070	75A	24-510VAC	1 200V	3.5-32VDC	7 200A ² s
SU942460	25A	12-280VAC	600V	3-32VDC	600A ² s
SU963460	35A	24-600VAC	1 200V	3.5-32VDC	882A ² s
SU965460	50A	24-600VAC	1 200V	3.5-32VDC	1 680A ² s
SU967460	75A	24-600VAC	1 200V	3.5-32VDC	7 200A ² s



• Dim. 22.5 x 90 x 42 mm

These products should be mounted on heatsinks in order to reach nominal current.

SUL/SUM

→ "Ready to use" on heatsink

SUx7 : designed for motors AC-53 and inductive loads

Also use in phase angle control systems

SUx8 : designed for most types of loads / integrated VDR protection

SUx9 : designed for resistive loads AC-51

Product reference	Thyristor rating	Max. switching current at 25°C	Switching voltage	Peak voltage	Switching current	I ² t
SUL765070	50A	32A	24-510VAC	1 200V	3.5-32VDC	1 680A ² s
SUL842070	25A	23A	12-275VAC	600V	3-32VDC	600A ² s
SUL842770	25A	23A	12-275VAC	600V	18-30VAC/DC	600A ² s
SUL842970	25A	23A	12-275VAC	600V	160-240VAC	600A ² s
SUL865070	50A	32A	24-510VAC	1 200V	3.5-32VDC	1 680A ² s
SUL865770	50A	32A	24-510VAC	1 200V	18-30VAC/DC	1 680A ² s
SUL865970	50A	32A	24-510VAC	1 200V	160-240VAC	1 680A ² s
SUL867070	75A	35A	24-510VAC	1 200V	3.5-32VDC	7 200A ² s
SUL942460	25A	23A	12-280VAC	600V	3-32VDC	600A ² s
SUL963460	35A	30A	24-600VAC	1 200V	3.5-32VDC	882A ² s
SUL965460	50A	32A	24-600VAC	1 200V	3.5-32VDC	1 680A ² s
SUL967460	75A	35A	24-600VAC	1 200V	3.5-32VDC	7 200A ² s
SUM865070	50A	45A	24-510VAC	1 200V	3.5-32VDC	1 680A ² s
SUM867070	75A	45A	24-510VAC	1 200V	3.5-32VDC	7 200A ² s



SUL

• Dim. 22.5 x 90 x 112 mm

SUM



• Dim. 45 x 90 x 112 mm