



## DC Solid State Relays – MOSFET Technology

References	Switching current	Switching voltage	Peak voltage	Control voltage	Control current	Integrated protection	Dimensions (mm)
SLD01210 SLD03210 SLD01205 SLD02205 SLD03205	2,5A 2,5A 4A 4A 4A	0-60VDC 0-60VDC 0-32VDC 0-32VDC 0-32VDC	60V	18-32VDC 3-10VDC 3-10VDC 18-32VDC 18-32VDC	5.5-27mA 5.5-10,2mA 5.5-27mA 5.5-10,2mA 5.5-10,2mA	Transil	28x5x15
STD03505 SPD03505	2.5A 5A	0-30VDC 0-30VDC	60V	13-30VDC 12-30VDC	4,1-12mA 4,1-12mA	Transil	29x12,7x15,7 29x12,7x25,4
SKLD10510 SKLD30510 SKLD11006 SKLD31006	8A 8A 12A 12A	7-60VDC 7-60VDC 7-36VDC 7-36VDC	60V 60V 100V	3-10VDC 7-30VDC 3.10VDC 7-30VDC	6-30mA	Transil	43,6x6,3x24,5
SOM02060 SOM020100 SOM04060 SOM040100 SOM06075	20A 20A 40A 40A 60A	5-40VDC 5-60VDC 5-40VDC 5-60VDC 5-40VDC	60V 100V 60V 100V 75V	3.5-32VDC	30-35mA	Transil	45x58,5x30
SOM020200 SOM040200	20A 40A	5-110VDC 5-110VDC	200V	3.5-32VDC	30-35mA	VDR	45x58,5x30
ESO01000	40A	0-110VDC	200V	Protection against line inductance (C1, D2) : option for SOM range	-	Diode + capacitor	45x58,5x30
SCM030200 SCM040600 SCM0100200 SCM015075	30A 40A 100A 150A	0-200VDC 0-600VDC 0-200VDC 0-75VDC	200V 600V 200V 75V	4.5-32VDC	25-42mA	-	44,5x58,2x27

## DC Solid State Relays – BIPOLAR Technology

References	Switching current	Switching voltage	Peak voltage	Control voltage	Control current	Integrated protection	Dimensions (mm)
SKD10306	3A	2-60VDC	60V	3-30VDC	1-30mA	reverse Diode	43,2x10,2x25,4
XKD10120 XKD10306 XKD11306D XKD70306 XKD90306	1A 3A 3A 3A 3A	2-200VDC 2-60VDC 2-60VDC 2-60VDC 2-60VDC	220V 60V 60V 60V 60V	5-30VDC 5-30VDC 3-30VDC 10-30VDC/DC 90-240VDC/DC	1-30mA 1-30mA 5-30mA 2-14mA 2-5,7mA	reverse Diode	12,2x76,4x53
SCC10506 SCC20506 SCC11506 SCC21506	5A 5A 15A 15A	2-60VDC 2-60VDC 2-60VDC 2-60VDC	60V	3-16VDC 10-32VDC 3-16VDC 10-32VDC	1-30mA	reverse Diode	44,5x58,2x27
SCC21520	15A	2-200VDC	300V	10-32VDC	1-30mA	Transil	44,5x58,2x27
SGC20420	20A	2-200VDC	200V	3-30VDC	1-30mA	Transil	67x38x37,5

## DC Solid State Relays – IGBT Technology

References	Switching current	Switching voltage	Peak voltage	Control voltage	Control current	Integrated protection	Dimensions (mm)
SCIO100600	100A	0-600VDC	600V	4,5-32VDC	25-42mA	reverse Diode	44,5x58,2x27

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5, rue Ampère - BP 30004 - 42290 SORBIERS - FRANCE  
Tél : +33(0)4 77 53 90 20 - Fax : +33 (0)4 77 53 05 51  
Tél export : +33(0)4 77 53 90 21  
celduc-relais@celduc.com

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# DC Solid State Relays

## Your needs ... Our solutions

### 3 technologies :

#### MOSFET

Latest MOSFET technology generation SSRs combine technical performance with low turn on/off time (50µs) and price competitiveness

- Overcurrent capability
- Low dissipated power

#### BIPOLAR

- This technology should be preferred if low control current is needed

#### IGBT

IGBT technology SSRs combine technical performance and price competitiveness

- For high voltage applications
- Low dissipated power



**DC power supplies**  
(Converters like choppers, inverters, ...)



**Heaters**  
(Air conditioning in trains, tramways, ...)

# Applications

**Signals switching**  
(Testing equipment, ...)



**Batteries**  
(Ships, solar systems, ...)



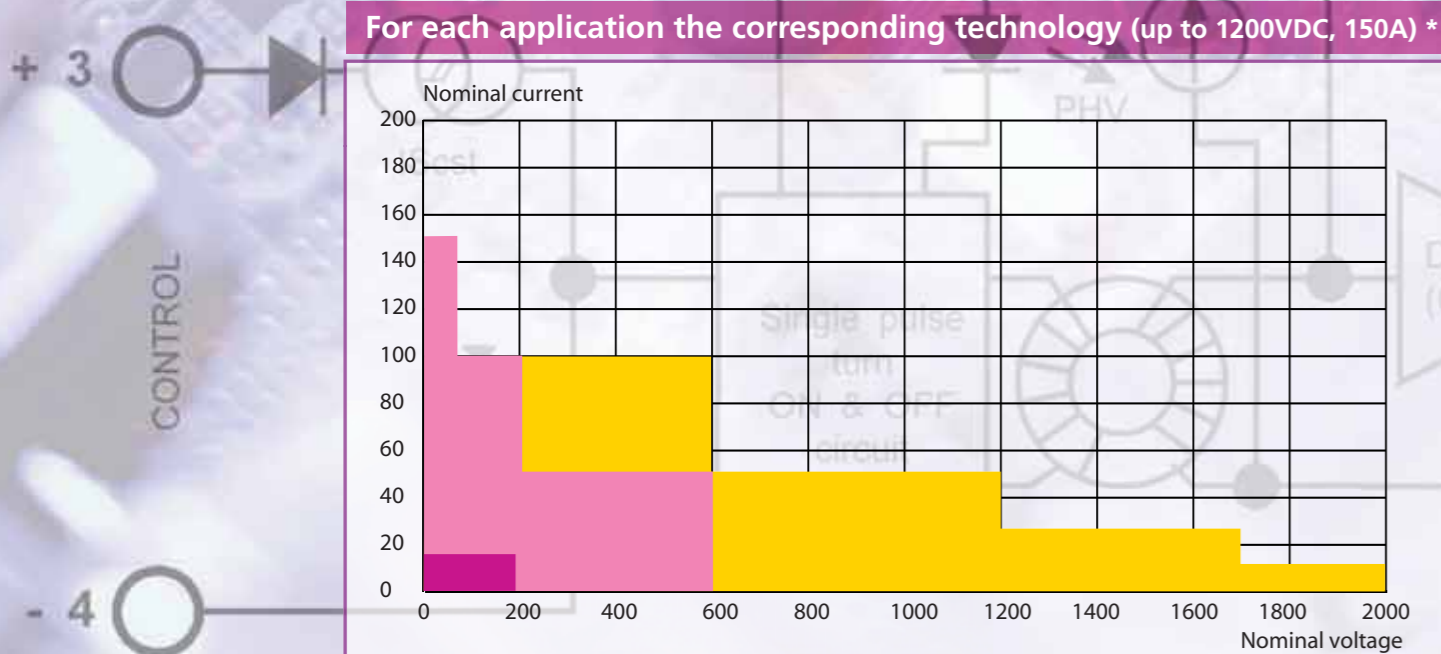
**DC Motors**  
(Travelling cranes, cranes, vehicles,...)



**Electro-magnets**  
(Induction motor braking, ...)



For each application the corresponding technology (up to 1200VDC, 150A) \*



\* For others : please contact us

