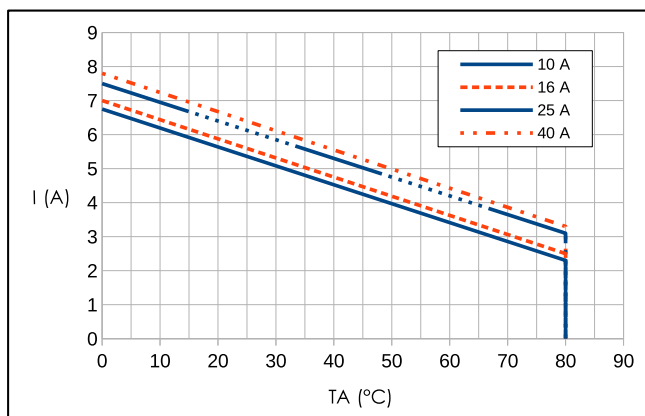


DATI TECNICI USCITA/ OUTPUT TECHNICAL DATA

Parametri Parameter	Simboli Symbol	Unità Unit	Modelli Model						
			10	16	25	40	50	75	90
Rms On State Current	I_T	A	10	16	25	40	50	75	90
Campo tensione di carico Load Voltage range	V_{rms}	Vac	50-480	50-480	50-480	50-480	50-480	50-480	50-480
Picco ripetitivo allo stato di Off Ripetitive Peak Off State Voltage	V_{rms}	Vpk	800 ~ 1200	800 ~ 1200	800 ~ 1200	800 ~ 1200	800 ~ 1200	800 ~ 1200	800 ~ 1200
Perdita di corrente allo Stato di Off Off State Leakage Current	I_{drm}	mA	10	10	10	10	10	10	10
Caduta tensione uscita Output Voltage Drop	V_{TM}	Vac	1.6	1.6	1.85	1.85	2	2	2
Corrente di spunto non ripetitiva Non repetitive surge peak on state current	I_{TSM} T=20mS	A	100	160	250	350	500	1150	1150
Corrente minima di funzionamento Minimum working current	I_H	Ac input mA	250	250	250	250	250	300	300
		Dc input mA	150	150	250	250	250	300	300
Tempo critico salita tensione allo stato di off Critical Rate of Rise of Off State Voltage	dv/dt	V/ μ s	200	200	250	250	1000	1000	1000
Tempo innesco Turn-On Time	T-On	Ac input ms	40	40	40	40	40	40	40
		Dc input ms	10	10	10	10	10	10	10
Tempo Disinnesco Turn-Off Time	T-Off	Ac input ms	80	80	80	80	80	80	80
		Dc input ms	10	10	10	10	10	10	10
Temperatura di funzionamento Operating Temperature	T Oper	°C	- 30 to + 80	- 30 to + 80	- 30 to + 80	- 30 to + 80	- 30 to + 80	- 30 to + 80	- 30 to + 80
I^2t per la scelta del fusibile I^2t Rating	I^2_T	A ² S	50	120	260	610	1250	5000	5000

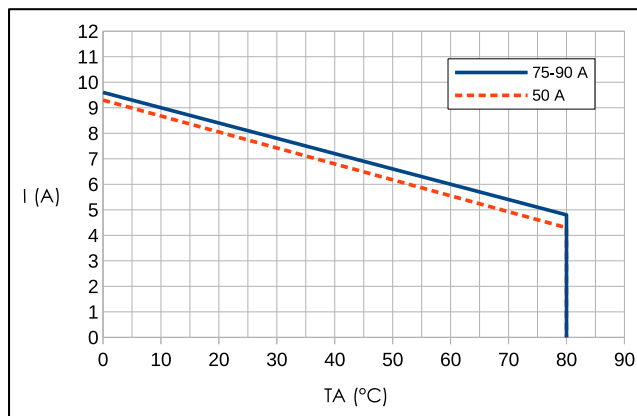
CURVE DI DERATING - DERATING CURVES

SC3-12D 10-16-25-40 A

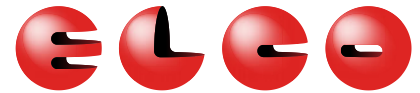


Aria libera
Free air

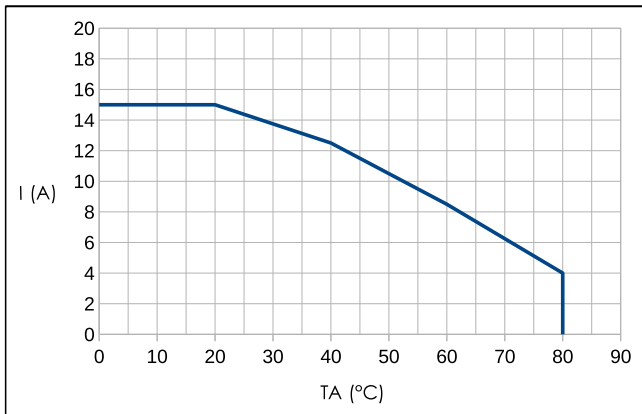
SC3-12D 50-75-90 A



Aria libera
Free air

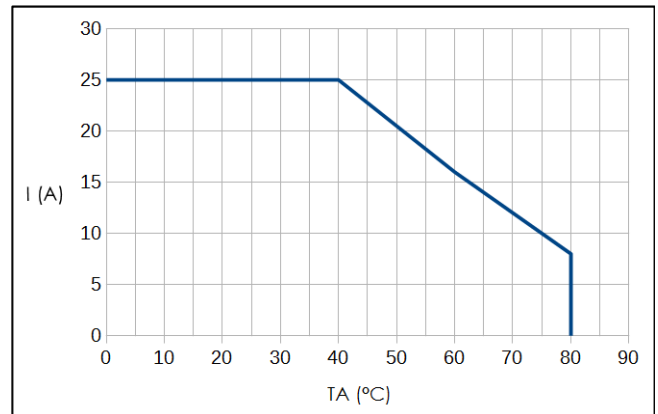


SC3-12D 10-15 A



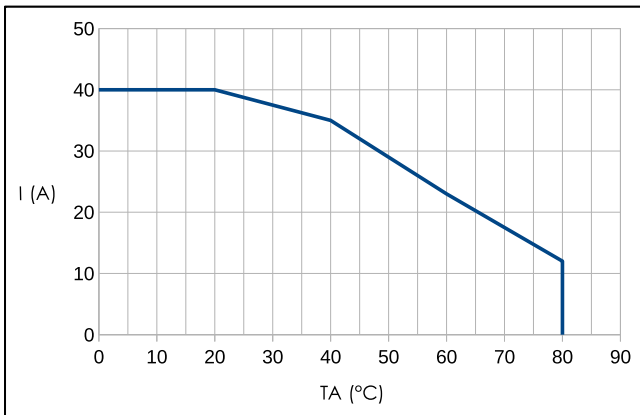
Con dissipatore / Heat sink (1 °C/W)

SC3-12D 25 A



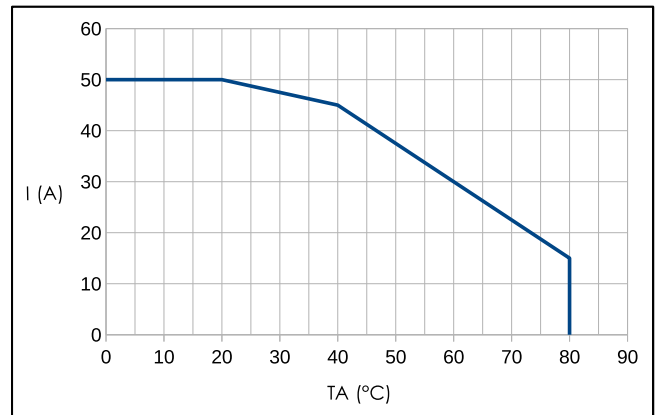
Con dissipatore / Heat sink (0,70 °C/W)

SC3-12D 40 A



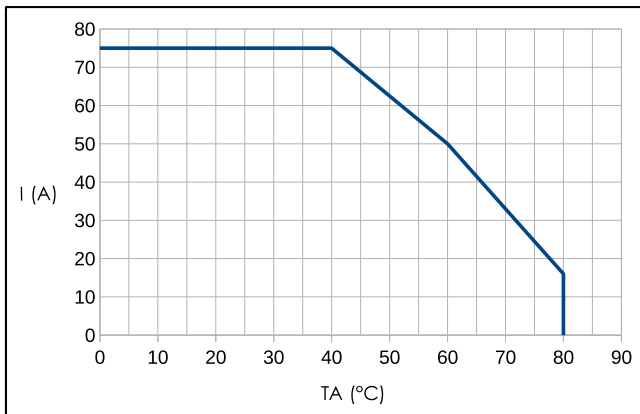
Con dissipatore / Heat sink (0,50 °C/W)

SC3-12D 50 A



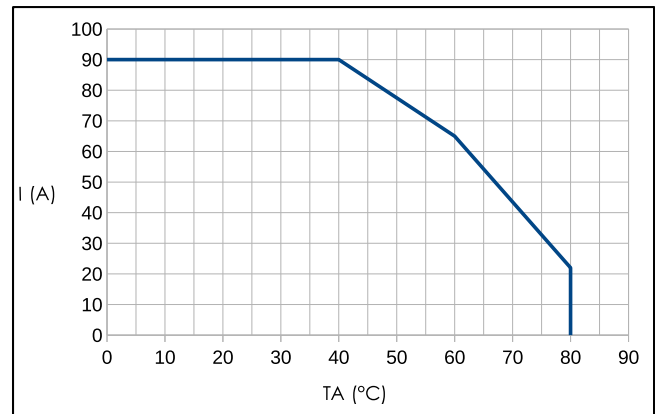
Con dissipatore / Heat sink (0,45 °C/W)

SC3-12D 75 A



Con dissipatore / Heat sink (0,2 °C/W)

SC3-12D 90 A



Con dissipatore / Heat sink (0,15 °C/W)

ACCESSORI - ACCESSORIES

ACCESSORI - ACCESSORIES FOR SOLID STATE RELAYS pag. 60

VARISTORI (MOV) - METAL OXIDE VARISTORS (MOV.) pag. 60

DISSIPATORI - HEAT SINK pag. 60