

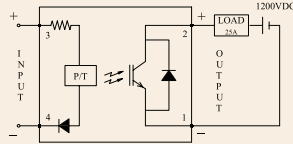
# Series: DIN 30KDD

**DC SSR (60~1200VDC)  
10-40Amps**

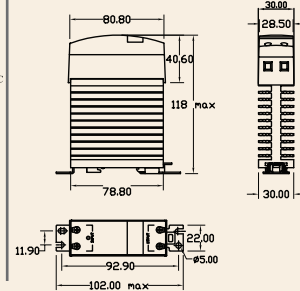
INPUT : DC Control  
OUTPUT : MOSFET/IGBT



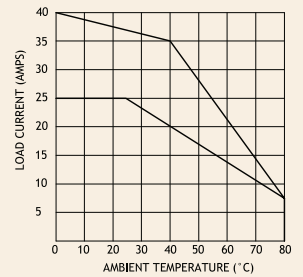
Schematic



Mechanical Drawing



Derating Curve



## Salient Features

- Opto/Magnetic Isolation: 2500 VAC
- Compatible to TTL
- Power MOSFET / IGBT Output
- Very Low Power Dissipation
- Reverse Polarity Protection
- Microsecond Switching
- Panel/DIN Mountable

ELECTRICAL SPECIFICATION @ TA = 25°C			PRODUCT PART NUMBERS	
PARAMETER	SYMBOL	UNIT	DIN 30KDD 1202512	DIN 30KDD 1204012
<b>INPUT</b>				
Control Voltage Range		Vdc	12-32	12-32
Control Current Range		mA	30	30
Pick-up Voltage		Vdc	12	12
Drop-out Voltage		Vdc	1.0	1.0
Input Resistance		KOhms	1.0	1.0
<b>OUTPUT</b>				
Load Current	I <sub>T</sub>	A	25	40
Load Voltage	V	Vdc	1200	1200
Surge Current (Non-Rep)	I <sub>TSM</sub>	A	120	120
On state Voltage Drop	V <sub>T</sub>	Vdc	1.6	1.6
Off state leakage	I <sub>drm</sub>	μA	100	100
Current @ Rated Voltage				
Thermal Resistance	R <sub>TH</sub>	°C/W	0.26	0.26
Turn-On	T-on	μs	800	800
Turn -Off	T-off	μs	2600	2600
Operating Temp	T Oper	°C	-30 to +80	-30 to +80

