

ABB Drives.

MODULES – Thyristor modules
MODULE – Thyristor-Module
MODULES – Modules de thyristors

NAR

Type Typ Type	Cat.No. Bestellnummer n° Cat.		V_{DRM} V_{RRM} V	I_{TSM} 10ms $T(v)_{max}$ A	I_{TRMS} / T_{case} A °C	I_{TAV} / T_{case} A °C
YSTT2-03	YS 130 201-XX	P8C P10C P12C P14C P16C P18C	800 1000 1200 1400 1600 1800	5000	210 85	140 85
YSTT6-01	YS 150 201-XX	P8C P10C P12C P14C P16C P18C	800 1000 1200 1400 1600 1800	9000	370 85	240 85
YSTT6-22	YS 150 202-XX	P22C P24C P26C	2200 2400 2600	8000	320 85	210 85

Higher (dv/dt)_{crit} can be offered on requestHöher (dv/dt)_{crit} Auf AnfrageUn (dv/dt)_{crit} plus élevé peut être offert sur demande.

C= 500 V/μs

D=1000 V/μs

MODULES – Diode modules
MODULE – Dioden-Module
MODULES – Modules de diodes

NAR

Type Typ Type	Cat.No. Bestellnummer n° Cat.		V_{RRM} V	I_{FSM} 10ms $T(v)_{max}$ A	I_{FRMS} / T_{case} A °C	I_{FAV} / T_{case} A °C
YSDD3-02	YS 230 201-XX	P12 P14 P16 P18	1200 1400 1600 1800	5000	330 90	215 90
YSDD6-02	YS 250 201-XX	P18 P20 P22 P24 P26	1800 2000 2200 2400 2600	11000	510 90	325 90

I_T (v))max	V_{T0}	r_T	$T(v))$ max	$R_{thy}^*)$ (DC)	Outline Massbild Figure
A	V	mΩ	°C	K/W	
600	0.89	0.85	125	0.11	14
1500	0.80	0.54	125	0.065	14
1000	0.92	0.54	125	0.065	14

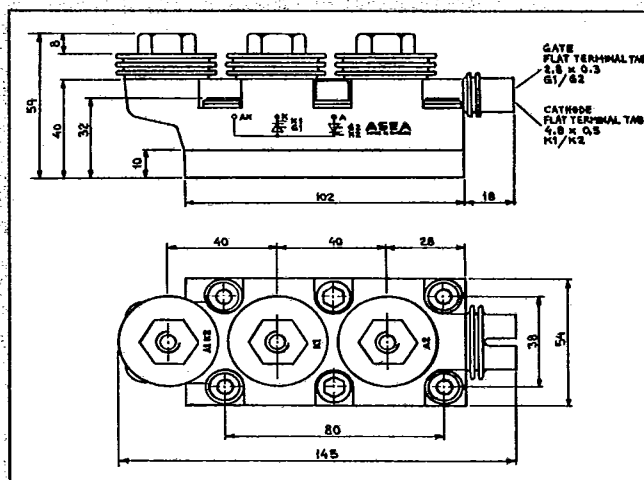
*) R_{thy} /module

Fig. 14

I_F (v))max	V_{T0}	r_T	$T(v))$ max	$R_{thy}^*)$ (DC)	Outline Massbild Figure
A	V	mΩ	°C	K/W	
1000	0.92	0.78	150	0.10	15
1000	0.80	0.587	150	0.065	15

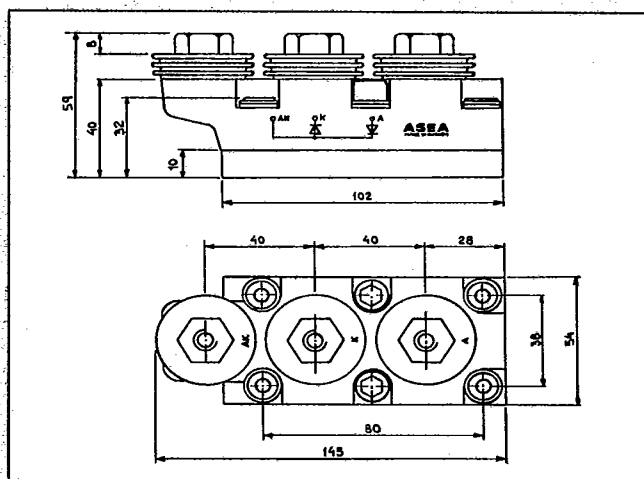
*) R_{thy} /module

Fig. 15