



Product Brief

Silicon controlled rectifiers for medium-voltage soft starters

6500 V thyristor disc series

The 6.5 kV thyristor disc series consists of four robust and powerful disc device types developed and designed for the special requirements of medium-voltage soft starter applications. All devices are designed for high surge current capability. Excellent voltage sharing optimizes series connection capabilities for soft starter applications in particular. High-tech production processes deliver outstanding dynamic parameters for best-cost designs with less series-connected devices.

The devices are also suitable for general-purpose line voltage rectifier applications, e.g. power supplies and standard drives.

Typical applications for medium-voltage drives

- Mining excavators
- > Gas and Oil pumps
- > Compressors for cooling stations

Key benefits

- > Simple way of series connection
- > High surge current capability
- Easy for mounting due to standard housing

Key features

> Blocking voltage

 $V_{DRM} = V_{RRM} = 6500 \text{ V}$

> Housing dimensions

Diameter = 58 mm ... 111 mm

Height = 26 mm

Applications

- Medium-voltage soft starters
- Medium-voltage power supplies
- > Standard drives

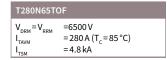


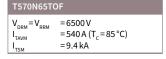


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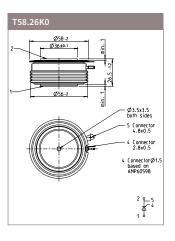
Electrical parameters – outline dimensions

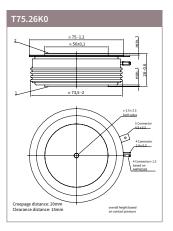


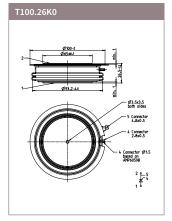


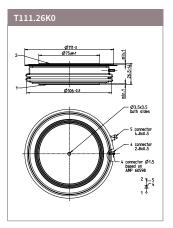












Sales Information

Part number	Status	Ordering code
T280N65TOF	in production	SP001216020
T570N65TOF	in production	SP001215982
T1060N65TOF	in production	SP000880960
T1620N65TOF	in production	SP000991194

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