

Exciters TY uP



Purpose of use

Exciters of the TY uP series are intended for all output-power synchronous motors and compensators excitation.

Two types of exciters are available:

for ring-machines or for synchronous machines with DC exciter

- for synchronous machines with AC exciter

HMI panel or RS232 ModBus protocol device or contact device can be used for controlling the exciter.

Constant current or constant voltage or constant power factor (at connection point or at remote-measurement point) regulation can be performed.

Construction

Driving part of all exciters types is the same – ProDrive III Card, microprocessor card with the DSP processor Texas Instruments.

Thyristor modules placed on common cooler put together the power part, the cooling is forced.

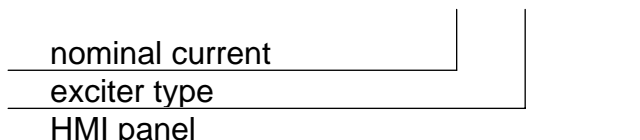
Due to modular design TY uP series exciters can be used flexibly at all current and voltage levels.

Parameters

Basic types	
U_{in}	according to application
f_{in}	50 Hz
U_{nominal}	according to application
I_{max}	according to application
Short circuit protection	YES
LED	YES
Interface	RS485
Logical inputs	8
Analog inputs	4
Analog outputs	1 (4÷20 mA)
Logical outputs	8 (230 V AC/5 A)
Operating temperature	0 ÷ +40 °C
Dimensions	according to application
Options	
3,5" HMI	
Over voltage protection	
Ground connection monitor	

Type code

-PEG- XXX-TY uP-HMI



For detailed technical or commercial queries contact – PEG – s.r.o.