

**NEW**



SM-SERCOS  
Option Module for  
Unidrive

Unidrive

**THE  
BENCHMARK**  
in Servo drives



### Overview of the functionality available within SM-SERCOS

- SERCOS Class B compliant - Torque, Velocity and Position control modes supported.
- Supported data rates (bits/sec): 2Mb, 4Mb, 8Mb and 16Mb.
- Minimum 250µs network cycle time.
- 2 digital high-speed probe inputs (1µs) for position capture.
- Telegram Type 7 Support - User definable application telegrams are supported in addition to the standard telegrams.
- Additional SERCOS Identification Numbers (IDNs) supported - The probing functions are included. Users can also access all the drive parameters using the additional manufacturer - specific IDNs.
- Unidrive digital control loops (current, velocity and position) are synchronised to the SERCOS master.
- No hardware switches to set – totally parameterised.



### Unidrive Output Current Rating (A)

Highest duty rating (A) in each size is shown. (continuous/peak)

VOLTS	SIZE 1	SIZE 2	SIZE 3	SIZE 4	SIZE 5	SIZE 6	SIZE 7
200-240V	10.6/18.5	25/43.8	42/73.5	80/140	-	-	-
380-480V	9.6/16.8	25/43.8	46/80.5	96/168	156/273	210/368	290/508
500-575V	-	-	22/38.5	52/91	84/147	125/219	168/294
500-690V	-	-	-	52/91	84/147	125/219	168/294

See Unidrive main brochure for further information

Unidrive ratings to follow in 2005