

RTS

3 to 40A

The RTS servo amplifiers are designed for driving DC servo motors and are available in numerous ratings up to 6.5 kW.

These products enable speed control of DC motors with or without tachometers.

They integrate main supply, auxiliary supply and braking resistor circuits in a compact package.



BATTERY, SINGLE-PHASE OR THREE-PHASE POWER SUPPLY

U-RI OR TACHOMETER CONTROL

INTEGRATED BRAKING RESISTOR

FULL PROTECTING FEATURES

HIGH COMPACTNESS

PANEL OR RACK MOUNTING

3U EUROCARD

TECHNICAL SPECIFICATIONS

Power supply - Single-phase, three-phase or battery

Ambient - 0-40°C (derate 35%/10°C up to 60°C max)
Up to 1000m ASL (derate 1%/100m up to 4000m max)

Protection - IP00, IP20 for versions with covering cap

RTS characteristics

Type	Supply	Nominal supply voltage $\pm 10\%$	Nominal output voltage (Vdc)	Nominal output current (A)	Peak output current (A)
3/10-40M	single phase	32Vac	40	3	10
10/20-60	single/three	48Vac	60	10	20
12/24-130T	three phase	100Vac	130	12	24
20/40-130T	three phase	100Vac	130	20	40
16/32-190T	three phase	135Vac	190	16	32
40/80-190T	three phase	150Vac	200	40	80
12/24-.B	battery	24-48Vdc	U battery -2V	12	24
40/80-.B	battery	36-72Vdc	U battery -2V	40	80

Dimensions

Type	H (mm)	W* (mm)	D (mm)	M (kg)
Panel mounting				
3/10-40M	150	65	212	1
10/20-60 (mono/tri)	180/150	65	212	1.2
12/24-130T	150	95	212	1.6
20/40-130T	150	121	221	1.9
16/32-190T	150	121	221	1.9
40/80-190T	247	139	205	6
12/24-.B	150	65	212	1
40/80-.B	247	70	205	2.5
Rack mounting				
3/10-40M	130	51	216	0.8
10/20-60 (tri)	130	51	216	0.8
12/24-130T	130	61	216	0.85
12/24-.B	130	51	216	0.8

* maximum dimensions with covering cap

STANDARDS

CE marked

