



|                            |  |
|----------------------------|--|
| Voltage                    | 240Vac/240Vdc  |
| Contact material           | Gold alloy   |
| Leads AWG (2A)             | 26   |
| Leads AWG (6A)             | 20   |
| Leads AWG (8A)             | 16   |
| Leads                      | tinning PTFE   |
| Dielectric strength        | 500VAC@60Hz,60s  |
| Insulation resistance      | $\geq 500\text{M}\Omega/500\text{VDC}$   |
| Dynamic contact resistance | $< 100\text{m}\Omega @ 6\text{Vdc } 50\text{mA } 5\text{RPM}$  |
| Operating Speed            | 250rpm   |
| Temperature                | $-20^{\circ}\text{C} \sim +80^{\circ}\text{C}$ (ET option $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$ ) |
| Housing material           | Aluminium alloy  |
| Shaft material             | Engineering plastic  |
| Protection degree          | IP51   |
| Estimated life             | $10^7$ revs  |
| Bearings                   | steel miniature precision ball bearings  |

| Model            | Circuits |    |    | L(mm) |
|------------------|----------|----|----|-------|
|                  | 2A       | 6A | 8A |       |
| KS 25-30x2A      | 30       | -  | -  | 51,5  |
| KS 25-4x6A-18x2A | 18       | 4  | -  | 51,5  |
| KS 25-3x8A-15x2A | 15       | -  | 3  | 51,5  |
| KS 25-36x2A      | 36       | -  | -  | 59,5  |
| KS 25-4x6A-24x2A | 24       | 4  | -  | 59,5  |
| KS 25-4x8A-16x2A | 16       | -  | 4  | 59,5  |
| KS 25-46x2A      | 46       | -  | -  | 72,5  |
| KS 25-56x2A      | 56       | -  | -  | 85,5  |
| KS 25-4x6A-44x2A | 44       | 4  | -  | 85,5  |
| KS 25-36x2A      | 36       | -  | 4  | 85,5  |

Max. Data Transfer Speed : 100Mbit/s

|  |                                     |          |  |                                    |
|--|-------------------------------------|----------|--|------------------------------------|
| Version  | Änderung / Modification Description | Dwg. No. | <b>V35136</b>                            | KS 25<br>General Drawing           |
|  |                                     |          |  |                                    |
|  |                                     |          | <b>SERVO-DRIVE.CZ</b>                    |                                    |
| Die oben genannten Bemessungen sind Richtwerte.<br>Alle Abmessungen in mm / All dimensions in mm |                                     |          | Date : 10.02.2014<br>Author : Peter Uher | Version: 1.0<br>Update: xx.xx.xxxx |