

Self-Retracting Reels

A range of self-retracting reels equipped with a special collector for data transmission: stable connection and continuous signal transmission.

4 ranges :

- PLT 500 : plastic casing, IP42
- ALU 300 : closed aluminum casing, IP42
- ALU 700 : closed aluminum casing, IP65
- STEEL 500 : open steel casing, IP65.

Applications :

- Robots, measurement and inspection systems
- Production control
- Medical systems
- Ethernet networks (CAT5E)
- Automation (special cables on request)

Cable characteristics

- Outer sheath : highly flexible PUR/TPE blend
- Silicone-free
- Halogen-free (according to the directive EN 50267-2-1)
- Lead-free (according to the directive 2011/65/EU ROHS)
- Conductors grouped in bundles and all stranded around a tensile strength core, short-pitch stranding and direction adapted, structure with very low torsion coefficient

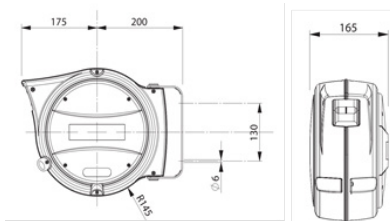
Manifold Features

- 6/12/24 tracks, max amperage 2A, max voltage 48V
- Gold alloy rings and brushes
- High reliability and lifespan
- Minimal friction torque
- Dielectric strength : 500 Vac at 60Hz
- Insulation resistance : > 1000 MΩ/ 500Vcc
- Noise : < 100 mΩ a 6Vcc and 50mA (at 5g/mn)

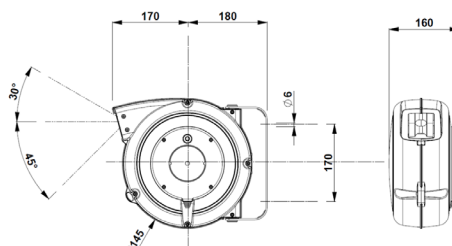
These reels should be considered components of an overall electrical installation. This installation must be carried out by a qualified professional, who is responsible for providing the necessary additional components to ensure compliance.



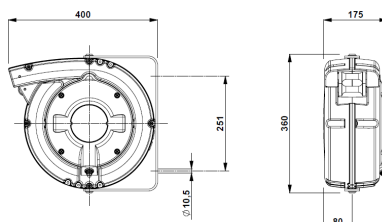
The reels are equipped with a spring for cable recovery, which operates continuously. It is therefore essential to ensure that the cable is supported during its unwinding and rewinding.



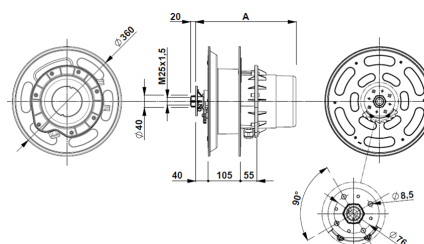
ALU 300



PLT 500



ALU 700/65



STEEL 500



Model	Number of conductors	Length (m)	Cable type	Code IGUS	Cable Ø (mm)	IP	Roll-up type	Code
P550	(5 x 0,5) C	12 + 1	TPE	CF10.05.15	7,5	42	PLT 500	ERT0505-13P-P550
A750/65		20 + 2				65	ALU 700/65	ERT0505-22A-A750/65
P551	6 x 0,75	15 + 1		CF9.07.07	8	42	PLT 500	ERT06075-16-P551
A751/65		20 + 2				65	ALU 700/65	ERT06075-22-A751/65
P553	(11 x 0,25) C	8 + 1		CF10.02.12	9,5	42	PLT 500	ERT11025-09-P553
A753/65		18 + 2				65	ALU 700/65	ERT11025-20-A753/65
A754/65	(11 x 0,5) C	10 + 2		CF10.05.12	11,5			ERT11050-12-A754/65
A756/65	(23 x 0,25) C	6 + 2		CF10.02.24	13			ERT23025-08-A756/65
P554	12 x 0,5	9 + 1		CF9.05.12	9,5	42	PLT 500	ERT12050-10-P554
A350		20 + 2				65	ALU 300	ERT12050-10-A350
A755/65	24 x 0,5	15 + 2		CF9.05.25	13		65	ALU 700/65
S550						STEEL 500	ERT24050-17-S550	
P556	(4 x (2 x 0,15)) C	11 + 1	PUR	CFBUS.PUR.049 CAT5E	7,5	42	PLT 500	ERT08015-12-P556
A758/65		20 + 2				65	ALU 700/65	ERT08015-22-A758/65