



Product Service

EU-Type Examination Certificate

No. P5A 089530 0007 Rev. 00

Parameters:

Function principle:	<p>The device is intended for jumping down from a structure, where by means of various ripcords a slag is possible what gives a free-fall in the beginning and then the descent is controlled by eddy current brake of the device.</p> <ul style="list-style-type: none"> -when climbing tension in the auto belay device descent webbing line is given by the rewind system via retraction spring; -when descending (or falling while climbing) auto belay device controls descent speed of a person by dissipating the potential energy in the eddy current brake; descending speed is not constant, at start the speed is higher than at landing; brake strength of eddy current brake is controlled by reaction springs of rotor blades, which are specific for each version.
Construction:	<p>self-retracting automatic descender device with central axis and 2 parallel self-retractable descent webbing lines, activated by retraction spring;</p> <p>gear transmission to eddy current brake with 3 rotor arms, 6 reaction springs and 8 permanent magnets; central plate (aluminium) with primary and secondary mount and handle; 2 body casings (aluminium), screwed on central plate, with plastic covers; 2 webbing lines, 2 webbing line drums and one retraction spring with one retraction spring drum; 2 lower webbing lines with shackle (28,6mm x 19mm) attached to 2 upper webbing lines, replaceable by opening nozzles; 2 different ripcords for free-fall, which are attached between upper webbing lines and user;</p>
Descent webbing line:	<ul style="list-style-type: none"> -QF150-12A: PA-webbing; 20,8 mm wide, 2,31 mm thick; guaranteed break strength: 17,7kN; -QFXL150-20A: UHMWPE-webbing; 20,8 mm wide, 1,52 mm thick; guaranteed break strength: 15,5 kN; <p>Lower webbing line in device connected to drum and shackle; upper webbing line (replaceable by client) from shackle to webbing line connector RING OPEN; webbing line end outside device doubled and stitched, with end termination loop with 6 stitching bar tacks; webbing line end length (without connector), and color of end loop:</p> <ul style="list-style-type: none"> -QF150-12A: (12.5 m): 10,5 cm, yellow (low mount upper webbing); -QF150-12A: (12.5 m): 10,5 cm, black (12 m upper webbing); -QFXL150-20A (20 m): 10,5 cm, red (20 m upper webbing);



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Ripcords:	Additional lanyard, which is fixed to the 2 upper webbing lines by 2 screwed RING OPEN connectors and fixed to the used by 2 directional connectors with triple lock gate. It includes a sewed energy absorber, which is protected by a zipper cover, and an elastic part, where the webbing is pulled together by elastic threads inside a tube webbing. There are 2 Ripcord versions: 1 M RC: blue webbing colour, full pull-out length 2.15 m, unloaded length: 1.85 m; 2 M RC: purple webbing colour; full pull-out length 3.23 m; unloaded length: 2,42 m;
Device measures:	415 mm x 320 mm x 275 mm;
Working load:	-QUICKFLIGHT, QF150-12A: min. 20 kg, max 130 kg ; -QUICKFLIGHT XL, QFXL150-20A: min. 20 kg, max 130 kg;
Min/max. permitted descending speed:	0.5-6 m/s; only with min. 2.5 m x 2.5 m fall protection ground in landing zone, suitable for falls of 3 m height (EN 1177);
Min. temperature:	-4°C; if kept dry: -10°C
Marking:	manufacturer address, model, CE-marking, "read instructions"-pictogram; serial no.; manufacturing date; in accordance with EN 341:2011-1A and EN 360: 2002; temperature range; min/ max mounting height; min/ max user weight; safety warnings; on rope EN 341: manufacturing date; manufacturer;



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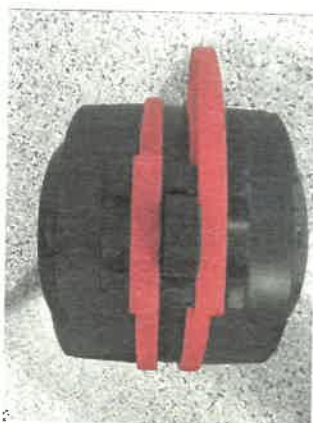


QUICKFLIGHT QF150-12A
with 1 m RC



1M RC

2M RC



Page 4 of 5

TÜV SÜD Product Service GmbH is Notified Body according to Regulation (EU) 2016/425 on personal protective equipment with the identification number 0123.

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany



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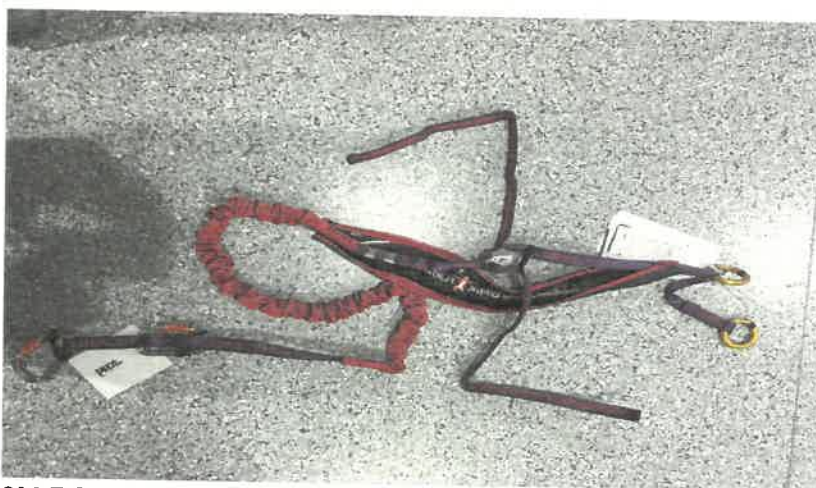
No. P5A 089530 0007 Rev. 00



Quickflight QF150-12A without Ripcord (from all sides)



Quickflight QFXL150-20A



2M RC (with open pocket of energy absorber)