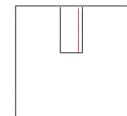
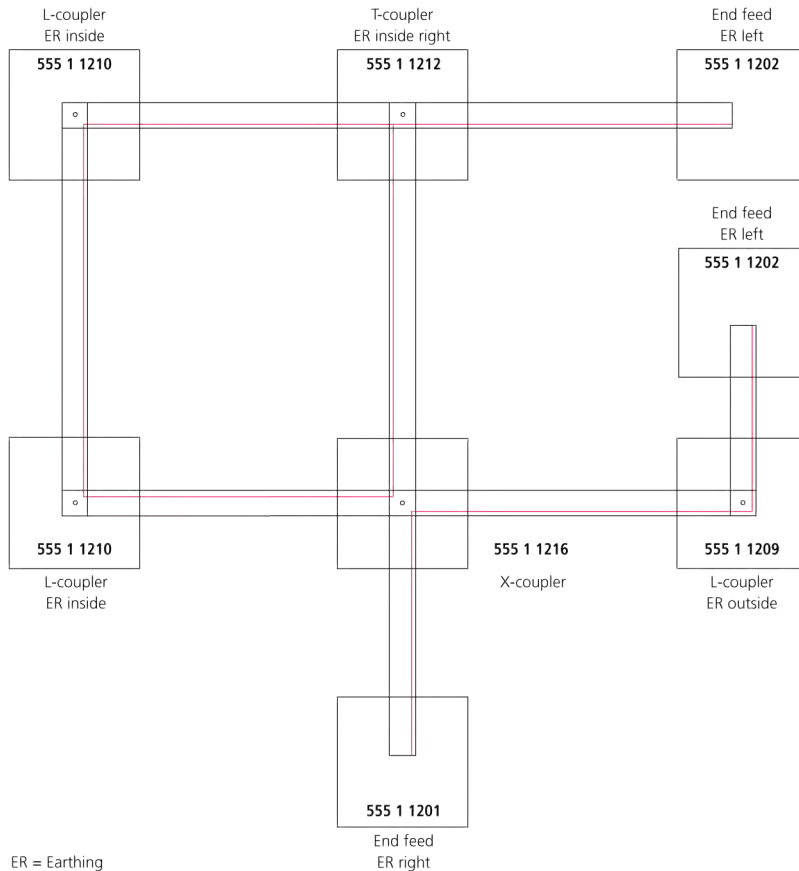


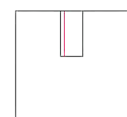
## Layout help for continue earthing for 3~ surface track.

The track offers the earthing along one inner side of the profile. When planing the layout you need to consider earth continuity. The location of the earthing is defined by the view in direction of the track. The layout needs to be looked at true sided from above. Please see sketch below as a layout help. Choose the right end feed and coupling components from the given pictures.

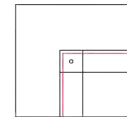
Layout shows surface track from a bird's eye view with the track opening pointed downwards.



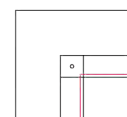
**End feed**  
earth right  
555 1 1201



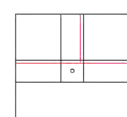
**End feed**  
earth left  
555 1 1202



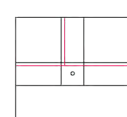
**L-coupler**  
earth outside  
555 1 1209



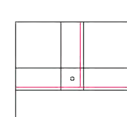
**L-coupler**  
earth inside  
555 1 1210



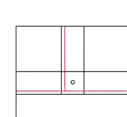
**T-coupler**  
earth inside right  
555 1 1212



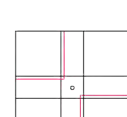
**T-coupler**  
earth inside left  
555 1 1213



**T-coupler**  
earth outside right  
555 1 1214



**T-coupler**  
earth outside left  
555 1 1215

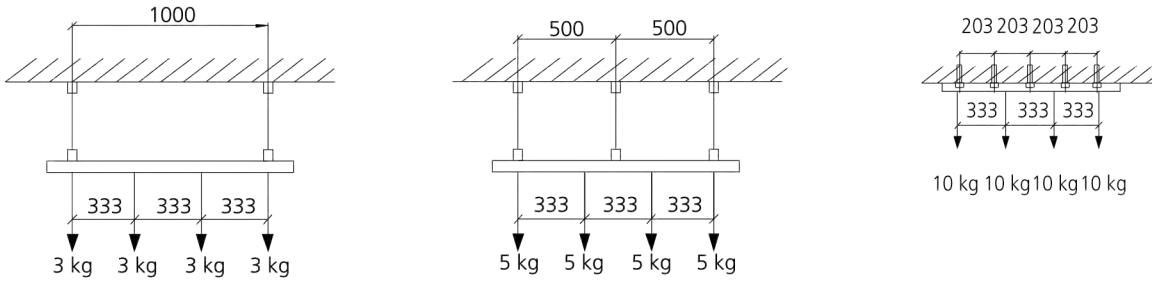


**X-coupler**  
555 1 1216

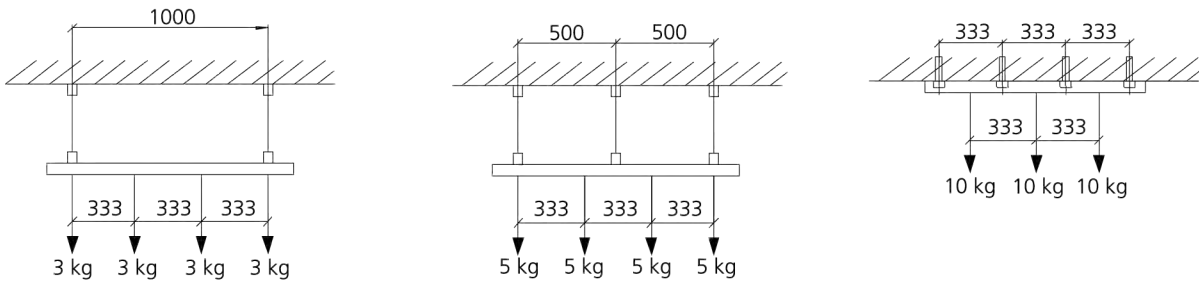
# Mechanical load

Drawings below show the possible maximum load of spot lights and other devices on the 1~ and 3~ track accordingly to their mounting or suspension points. The track weight is already taken into consideration.

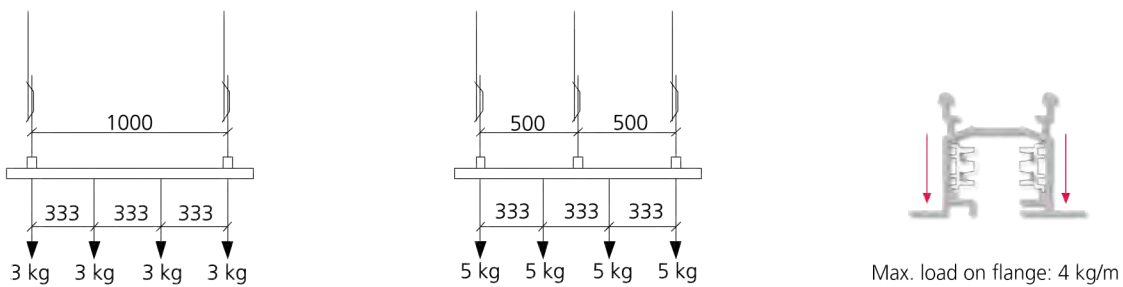
Surface track 235-.../238-...



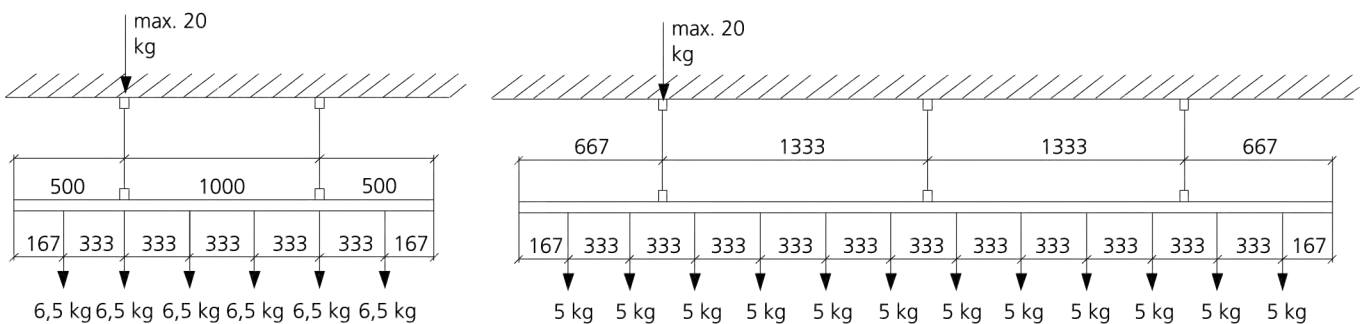
Surface track 25-.../225-...



Recessed track 26-.../226-...



HighTrack 19-.../219-...



## Important safety notes!

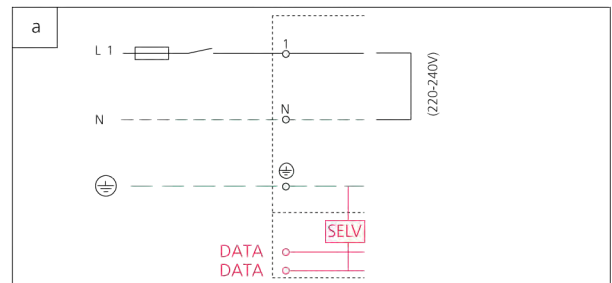
Please consider all safety notes from the technical manual. Keep them carefully in case you will extend or change the installation. The technical manual is also available from our web page [www.eutrac.de](http://www.eutrac.de)

Lighting tracks are for indoor use only (IP20, 45°C max.), do not use in damp or wet locations.

### 1~ track wiring diagram

a) Connection to AC 230V (220 - 240V)  
maximum load: 3.600 W (3.500 - 3.800 W)

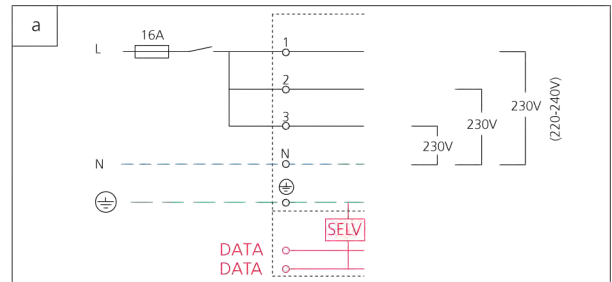
fuse	1 x 16 A
power supply cable	min. 3 x 1.5 mm <sup>2</sup>
power supply cable	min. 3 x 2.5 mm <sup>2</sup>



### 3~ track wiring diagram

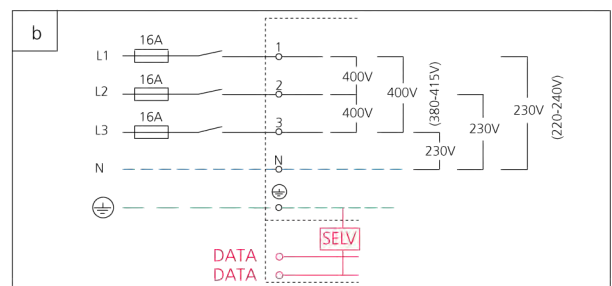
a) Connection to AC 230V (220 - 240V)  
maximum load: 3.600 W (3.500 - 3.800 W)  
Total load can spread on any circuit

fuse	1 x 16 A
power supply cable	min. 3 x 1.5 mm <sup>2</sup>
power supply cable	min. 3 x 2.5 mm <sup>2</sup>



b) Connection to AC 400V (380 - 415V)  
maximum load: 3 x 3.600 W = 10.800 W (11.400 W)  
Single fuse for each circuit, look for even spread L<sub>1</sub>, L<sub>2</sub>, L<sub>3</sub> of total load

fuse	3 x 16 A
power supply cable	min. 5 x 1.5 mm <sup>2</sup>
power supply cable	min. 5 x 2.5 mm <sup>2</sup>



Load at end feed: All end feeds can be loaded as shown under a) or b)

Connection diagram for data bus wiring

Attention: no closed circle structure otherwise data bus functionality will be not given.

