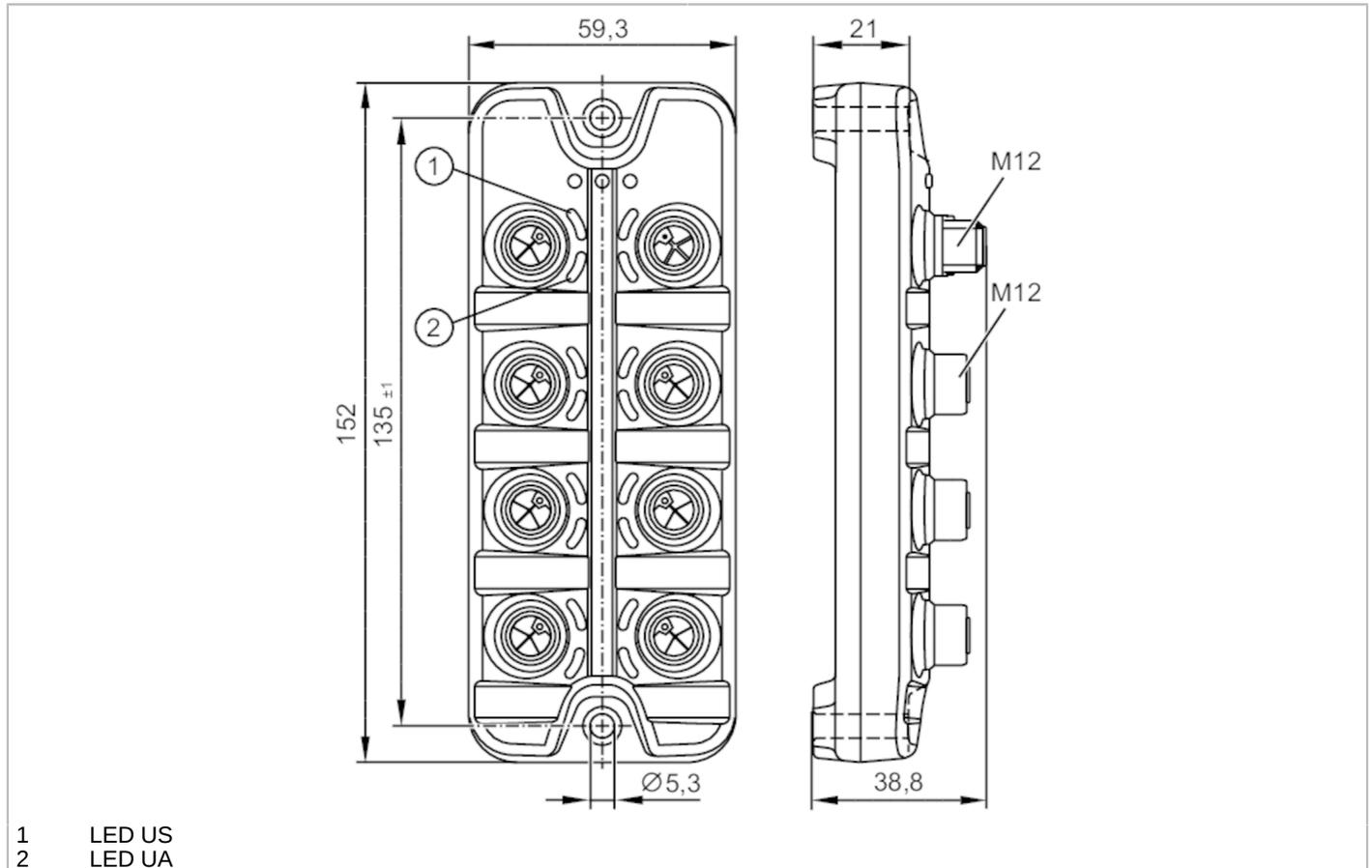


# EBC171



## Power distributor

ZDO7E050MSS0000-00STGE052MSS



Application	
System	Free from silicone
Application	field installation
Free from silicone	yes
Electrical data	
Operating voltage [V]	20...30 DC
Protection class	III
Max. current load per module/slot [A]	16
Max. current load total [A]	16
Operating conditions	
Ambient temperature [°C]	-25...60
Storage temperature [°C]	-25...55
Storage humidity [%]	10...100
Other climatic conditions for storage according to stated class	1K22 DIN 60721-3-1
Max. relative air humidity [%]	90; (non condensing)
Max. height above sea level [m]	2000
Protection	IP 67; (with mounted connectors or protective caps)

# EBC171



## Power distributor

ZDO7E050MSS0000-00STGE052MSS

Mechanical data	
Weight [g]	317.751
Material	housing: PA orange
Material nut	brass, nickel-plated
Sealing material	FKM

Displays / operating elements		
Display	Power	1 x LED, green US
	Power	1 x LED, green UA

Remarks	
Pack quantity	1 pcs.

### Electrical connection - Input

Connector: 1 x M12; coding: L; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.7...1.0 Nm



X1		
1	L+	(US)
2	L-	(UA)
3	L-	(US)
4	L+	(UA)
5		FE

### Electrical connection - Output

Connector: 7 x M12; coding: L; Locking: brass, nickel-plated; sealing: FKM; Contacts: gold-plated; Tightening torque: 0.7...1.0 Nm



X2...8		
1	L+	(US)
2	L-	(UA)
3	L-	(US)
4	L+	(UA)
5		FE

# EBC171

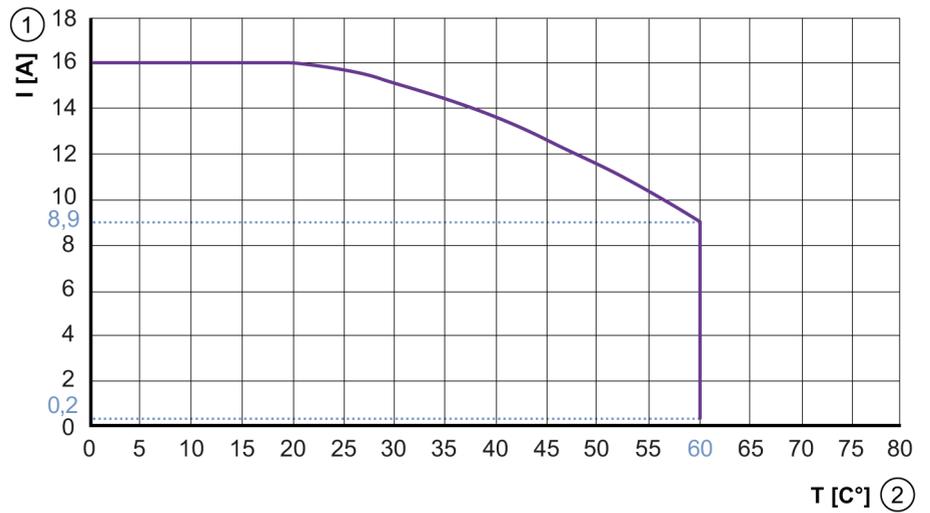


## Power distributor

ZDO7E050MSS0000-00STGE052MSS

### Diagrams and graphs

Characteristic curve for derating



- 1 Current [A]
- 2 Ambient temperature [°C]