SSW - 40 - 12 - 2

Electronical Power Switch (EPS)

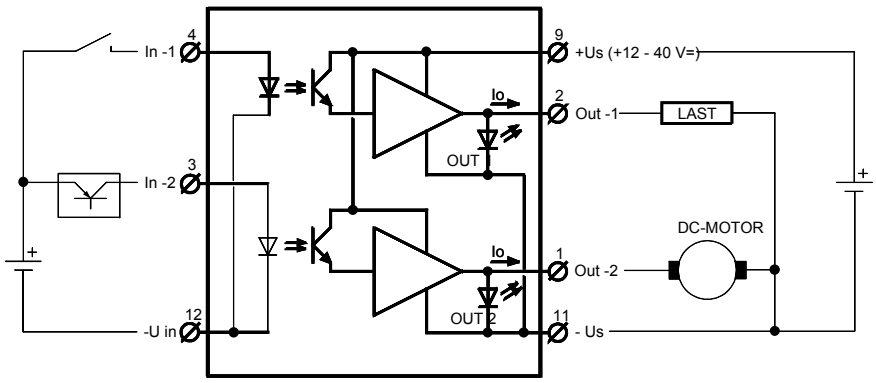
- Contactless, for high operating cycles (<500 Hz!)
- 2 Outputs for electrical loads a 12 A (100% ED)
- Dynamical impulscurrency up to max.130 A
- Switching inductive and ohm`s loads
- Voltagerange 12-40 V=
- Galvanical Separation of inputs
- ESD protected and short circuit proof

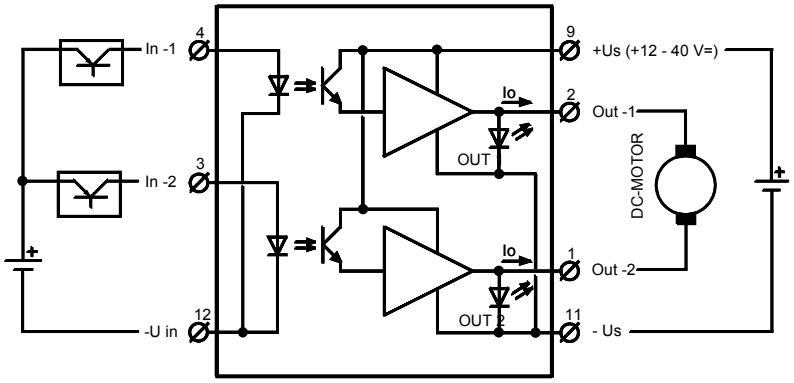
Product Description

If you need high switchcurrencies and/or high switchfrequency in your applications you can use the EPS Type SSW 40-12-2. With a voltagerange of 12-40 V and the galvanical separation of inputs the use is universal. With the two common or separate standard outputs of the EPS you can switch active typical DC-consumptions in low voltagerange.
With the special features of the push pull outputs for example you can realize a change of twistdirection and also a generatorical braking of a DC-Motor simply and reliably.
The EPS has extensive protection facilities, like disconnection of over temperature, resistance of short circuits, ESP-protection and also a polarity protection of inputs.
Green LED`s shows the user the switching status and the ready status separate for both outputs.
The space-saving shape of housing and also the simple assembly on a C-rail are further positive points of this product.

Application example 1

2 x load separate switchable
+ DC-Motor start/stop





Application example 2

DC-Motor left/right change of twistdirection
+ start/stop

SSW - 40 - 12 - 2

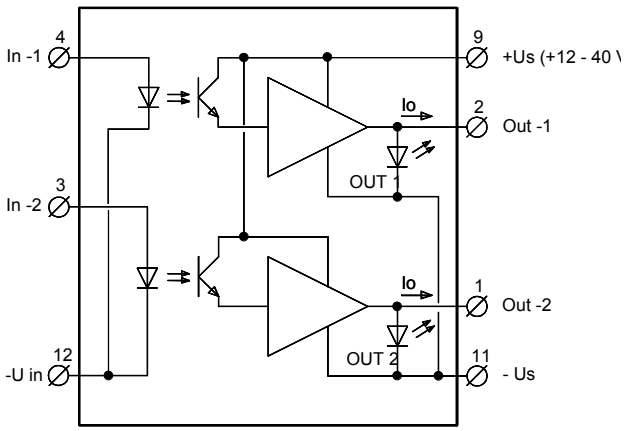
Mechanical Data	Symbol	Unit	Min.	Type	Max.
Dimensions	*(HxBxT)*	mm	-	99 x 22,5 x 92	-
Type of mounting			-	Carryrail (EN 50022)	-
Working temperature	*T*	°C	0	-	40
Type of protection			-	IP 00	-
Max.cable cross-section		mm x mm	0,2	-	2,5
Housing material			-	Polyamid PA 6,6	-
Combustibility class			-	V0 (UL94)	-
Weight	*G*	g	-	90	-

Electrical Data

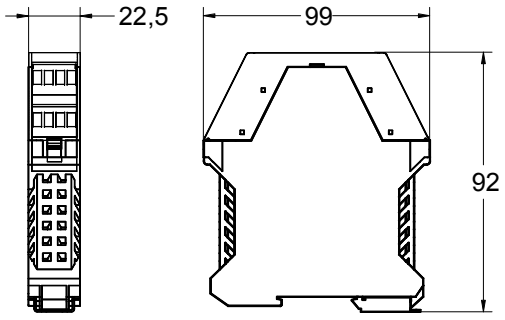
Supplyvoltage	*Us*	V =	10	12 - 40	45
Remaining ripple		V	- 10%	-	+ 10%
Max. Switchfrequency	*f*	Hz	-	-	500
Outputs					
Outputcurrency stat.	*Io*	A	-	a output	+/-12
Outputcurrency dyn.	*Io*	A	-	a output	+/- 30
Inputs					
Controlvoltage	*Ui*	V =	Low < 2,5 V	-	High > 3 - 24 V
Inputimpedance	*R i*	KOhm		3 K	

PIN Connection

PIN	Designation 1	Designation 2
1	*Out-2*	Power-Output 2
2	Out-1	Power-Output 1
3	*Input-2*	Input 2
4	Input-1	Input 1
9	+Us	12 - 40 V=
10	n.c.	n.c.
11	-U s	GND (Power)
12	-U in	GND (Input)



Dimesions



Order Code

Type	SSW	-	4 0	-	1 2	-	2
Productgroup							
Max.Supplyvoltage.							
40 V=			4 0				
Max.Powercurrency							
12 A					1 2		
Version							
Standard							2