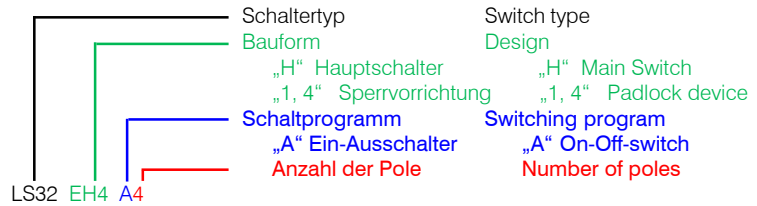


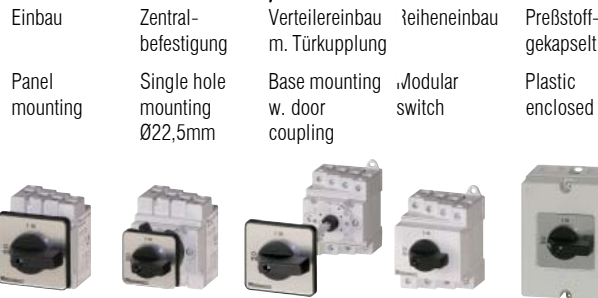
DC-Lasttrennschalter für Photovoltaik LS.. DC-Switch Disconnector for Photovoltaic LS..

Lieblgasse 7, A-1220 Wien
Tel.: +43 (0) 1 251 51- 0
Fax: +43 (0) 1 251 51-89
e-mail: sales@benedict.at
www.benedict.at



Bauform / Design

DC-Lasttrennschalter / DC-Switch Disconnectors



LS.. .. E Z VZV SMA PF ..

DC-Hauptschalter / DC-Main Switch



.. EH4. ZH1 VZVH4 SMAH1 PFH4 ..

Schaltprogramme / Switching Program

Typ	2-polig	2+2-polig 2 Pole in Serie + 2 Pole parallel	4-polig	4-polig mit Brücken Einspeisung oben Abgang unten	4-polig 2 Brücken oben Einspeisung und Abgang unten	4-polig 2 Brücken unten Einspeisung und Abgang oben
Type	2-pole	2+2-pole 2 poles in series + 2 poles parallel	4-pole	4-pole with jumpers Input on top Output bottom	4-pole with jumpers Input and Output bottom	4-pole with jumpers Input and Output on top
LS..	.. A2	.. A2+2	.. A4	.. A4B	.. A4O	.. A4U
Kontaktausführung / Contacts Schaltbild / Wiring diagram						
Anwendungsbeispiel Switching example						

Technische Daten für DC, nach IEC 60947-3, VDE0660

Technical data for DC, according to IEC 60947-3, VDE0660

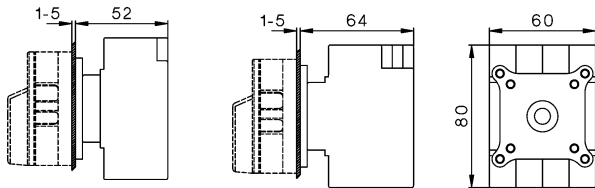
Typ	DC21B 500V 600V 700V 800V 900V 1000V	DC22B 500V 600V 800V 1000V
LS16 ..	2 Pole in Serie 2 poles in series 2 Pole in Serie+2 parallel 2 poles in series+2 parallel 4 Pole in Serie 4 poles in series	16A 16A 16A 16A 13A 9A 29A 29A 16A 16A 13A 9A 16A 16A 16A 16A 16A 16A
LS25 ..	2 Pole in Serie 2 poles in series 2 Pole in Serie+2 parallel 2 poles in series+2 parallel 4 Pole in Serie 4 poles in series	25A 25A 23A 20A 16A 11A 45A 45A 23A 20A 16A 11A 25A 25A 25A 25A 25A 25A
LS32 ..	2 Pole in Serie 2 poles in series 2 Pole in Serie+2 parallel 2 poles in series+2 parallel 4 Pole in Serie 4 poles in series	32A 32A 27A 23A 20A 13A 58A 50A 27A 23A 20A 13A 32A 32A 32A 32A 32A 32A
		7A 5,5A 2A 1A - - - - 16A 16A 11,5A 8A 8A 6A 2,5A 1,5A - - - - 25A 25A 12A 9A 9A 6,5A 3A 2A - - - - 32A 27,5A 12,5A 10A

Cable cross sections (incl. jumper LSV-B1)		
ein- oder mehrdrähtig / solid or stranded	mm ²	4 - 16
feindrähtig / flexible	mm ²	4 - 10
feind. m Aderendhülse / flexible (+ multicore cable end)	mm ²	4 - 10
Klemmschraube / Size of terminal screw		
Drehmoment / Tightening torque		Nm
		M4 Pz2
		1,7 - 1,8
Umgebungstemperatur / Ambient temperature		
Betrieb / Operation	offen / open	°C
	gekapselt / enclosed	°C
Lagerung / Storage		°C

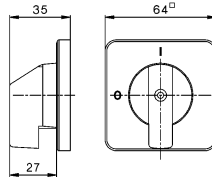
Type	LS16	LS25	LS32
Bedingter Bemessungskurzschlußstrom Rated conditional short-circuit current	kA _{eff}		
Max. Vorsicherung / fuse size	gL (gG)	A	
Mechanical life	x10 ³		
Bemessungskurzzeitstromfestigkeit (1s) Rated short-time withstand current (1s)	lcw A2, A4 A		
Bemessungskurzschlußeinschaltvermögen l _{cm} Short circuit making capacity	A2, A4 A		
Verlustleistung pro Schalter bei I_e max. DC21B Power loss per switch at I_e max. DC21B	A2 W		
	A2+2W		
	A4 W		

Abmessungen /Dimensions:

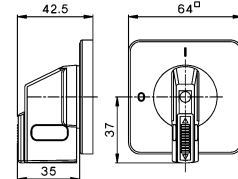
LS16 E., LS25 E., LS32 E.,
..A2 ..A2+2, ..A4.



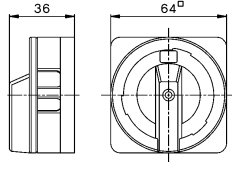
LS.. E A.



LS.. EH1 A.

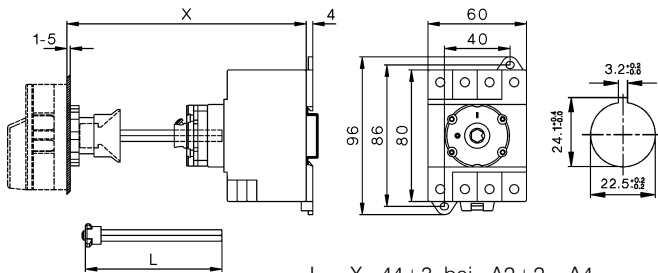


LS.. EH4 A.



LS16 V., LS25 V., LS32 V.,

Bohrplan / Mounting hole



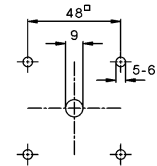
L = X - 44±3 bei ..A2+2, ..A4.
L = X - 32±3 bei ..A2

Lieferlänge bei ..A2+2, ..A4. :
delivered with: ..A2+2, ..A4. :
X_{max.} = 194, L = 150
(X_{min.} = 95)

delivered with: ..A2:
Lieferlänge bei ..A2:
X_{max.} = 182, L = 150
(X_{min.} = 83)

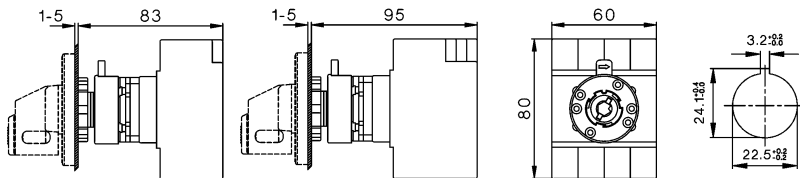
größere X-Maße auf Anfrage
greater X-Dimensions on request

Bohrplan / Mounting hole
LS.. E.. A.

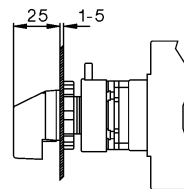


LS16 Z., LS25 Z., LS32 Z.,
..A2 ..A2+2, ..A4.

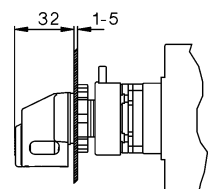
Bohrplan / Mounting hole



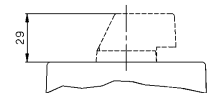
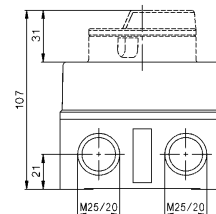
LS.. ZO..



LS.. ZOH1..



LS16 PF., LS25 PF., LS32 PF.,
LS..PFH(N)4 A.. LS..PF A..



LS16 SMA., LS25 SMA., LS32 SMA.,
..A2 ..A2+2, ..A4.

