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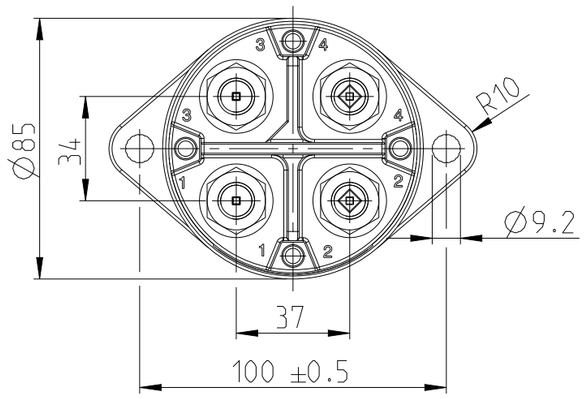
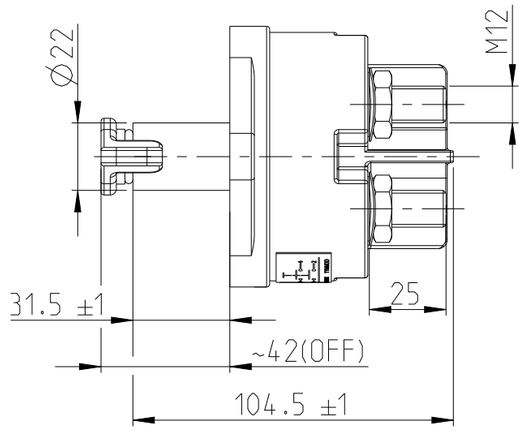
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECN-24-246372 TE STANDARD	05JAN2024	SS	RB

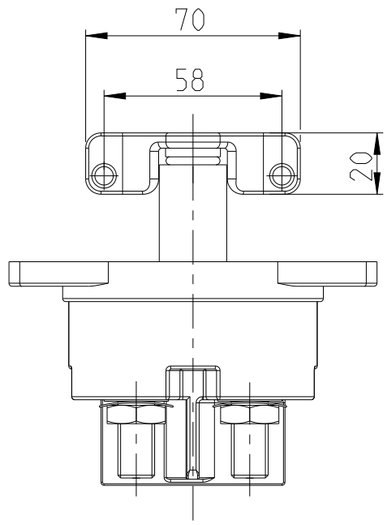




NOTES
Bemerkungen

1 TE-CONNECTIVITY ORDER-NUMBER
TE-Connectivity Bestellnummer

2 DO NOT SWITCH UNDER LOAD!
Nicht unter Last schalten!

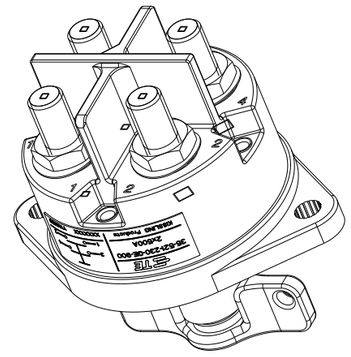


Technische Daten:

Werkstoff: Haube	PA GF Schwarz
Schalthebel	PA GF gelb
Min. Isolationswiderstand	100 MOhm
Hochspannungsfestigkeit	1050V-1min
Max. Kontaktspannungsabfall bei Nennlast	150 mV
Betriebsspannung	bis 32VDC
Dauerstrom	2x500A
Überlast	2x2000A-1.5min.
	2x2500A-10sec
Schutzart	IP 67/ IEC 529
Vibraton	10G,18-500Hz
Schock	50G, 11 ms
Dauerschock-600Zyklen	40G, 6ms
Umgebungstemperatur	-40°C bis +85°C
Anschlußquerschnitt bei Nennlast	Min.250mm²
Einbaulage	beliebig
Schalthebel	abziehbar
Anzugsmoment (Hauptkontakte)	15-20Nm

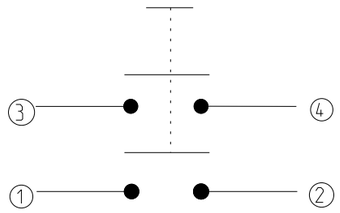
TECHNICAL DATA:

MATERIAL: COVER	PA GF BLACK
SWITCH LEVER	PA GF YELLOW
MIN. INSULATION RESISTANCE	100MOhm
DIELECTRIC WITHSTANDING RESISTANCE	1050V-1min.
MAX.CONTACT VOLTAGE DROP DURING RESISTIVE LOAD	150mV
VOLTAGE	UP TO 32VDC
DUTY RATING	2X500A
OVERLOAD	2X2000A-1.5min
	2X2500A-10sec
SEALING	IP 67/IEC 529
VIBRATION	10G.18-500Hz
SHOCK	50G, 11ms
CONTINUOUS SHOCK 600 CYCLES	40G, 6ms
TEMPERATURE RANGE	-40°C TO +85°C
WIRE SECTION (AT NOMINAL LOAD)	MIN. 250mm²
MOUNTING POSITION	OPTIONAL
SWITCH LEVER	REMOVEABLE
TORQUE (MAIN CONTACTS)	15-20Nm



ISO 1:2

CIRCUIT
Schaltbild



K1160405 1	A	BATTERY DISCONNECTOR 2x500A Batterietrennschalter 2x500A	650	1
TE ORDER-NO.	REV.	DESCRIPTION	WEIGHT [g]	ITEM NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	mm
TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN ISO 2768 cL
0 PLC	±
1 PLC	±
2 PLC	±
3 PLC	±
4 PLC	±
ANGLES	±
MATERIAL	
FINISH	

DWN	Shrihari Y 26DEC2023
CHK	K.Seeger 26DEC2023
APVD	U.Grindemann 26DEC2023
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	-

TE Connectivity

NAME
BATTERY DISCONNECTOR 2x500A
Batterietrennschalter 2x500A

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-35-521-230-GE-900	-

CUSTOMER DRAWING	SCALE 1:2	SHEET 1 OF 1	REV A