

Caratteristiche Tecniche

RISPONDEZZA ALLE NORME	IEC 947-5-1. - VDE 0660 - NFC - CEI EN60947.5.1 - UTE - BSI - CENELEC EN 50007																																																								
OMOLOGAZIONI	UL (U.S.A.) - CSA (Canada) - RINA (Italia) - LLOYD'S REGISTER OF SHIPPING (U.K.)																																																								
PROTEZIONI CLIMATICHE	Clima temperato cat. 23/50 (DIN 50014) Clima umido cat. 23/83 (DIN 50015) Clima caldo umido cat. 40/92 (DIN 50015) Clima umido variabile cat.FW24 (DIN 50016)																																																								
LIMITI DI TEMPERATURA	Funzionamento: -25°C ÷ +70°C - Stoccaggio: -40°C ÷ +70°C																																																								
GRADO DI PROTEZIONE OPERATORI	IP65 secondo EN60529-4 IP66 Pulsanti con cappuccio in gomma																																																								
GRADO DI PROTEZIONE TERMINALI	IP2Xsecondo EN60529-4																																																								
TENSIONE NOMINALE D'ISOLAMENTO	690V secondo EN60947.1																																																								
TENSIONE DI TENUTA AD IMPULSO	4kV secondo EN60947.1																																																								
CATEGORIA D'ISOLAMENTO	Gruppo C secondo VDE 0110																																																								
PROTEZIONE DELLA SCOSSA ELETTRICA	Classe I secondo IEC536																																																								
PROTEZIONE AL CORTO CIRCUITO	Fusibili da 10A gl secondo EN60947-5-1																																																								
FUNZIONAMENTO DEI CONTATTI	Azionamento lento. Ag 1000/1000. Protezione trasparente per controllo visivo usura e movimento Autopulenti Apertura forzata del contatto NC Doppia rottura oltre corsa per maggiore affidabilità																																																								
PRESTAZIONI ELETTRICHE	Corrente nominale termica I _{th} = 10A - Limiti d'impiego secondo EN60947-5-1 Cat. AC15 (A600) <table border="1"> <tr> <td>Tens. Ue</td> <td>V</td> <td>24</td> <td>48</td> <td>60</td> <td>110</td> <td>220</td> <td>380</td> <td>500</td> <td>600</td> </tr> <tr> <td>Corr. Ie</td> <td>A</td> <td>10</td> <td>10</td> <td>10</td> <td>6</td> <td>3</td> <td>2</td> <td>1.5</td> <td>1.2</td> </tr> </table> Cat. DC13 (P600) <table border="1"> <tr> <td>Tens. Ue</td> <td>V</td> <td>24</td> <td>48</td> <td>60</td> <td>110</td> <td>220</td> <td>380</td> <td>500</td> <td>600</td> </tr> <tr> <td>Corr. Ie</td> <td>A</td> <td>5</td> <td>2.7</td> <td>2</td> <td>1.1</td> <td>0.55</td> <td>0.3</td> <td>0.22</td> <td>0.2</td> </tr> </table> Cat. DC13 (Q300) per pulsanti e selettori luminosi <table border="1"> <tr> <td>Tens. Ue</td> <td>V</td> <td>24</td> <td>48</td> <td>60</td> <td>110</td> <td>220</td> <td>300</td> </tr> <tr> <td>Corr. Ie</td> <td>A</td> <td>2.5</td> <td>1.4</td> <td>1</td> <td>0.55</td> <td>0.27</td> <td>0.2</td> </tr> </table>	Tens. Ue	V	24	48	60	110	220	380	500	600	Corr. Ie	A	10	10	10	6	3	2	1.5	1.2	Tens. Ue	V	24	48	60	110	220	380	500	600	Corr. Ie	A	5	2.7	2	1.1	0.55	0.3	0.22	0.2	Tens. Ue	V	24	48	60	110	220	300	Corr. Ie	A	2.5	1.4	1	0.55	0.27	0.2
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DURATA MECCANICA	Manipolatori - Pulsanti a chiave - Pulsanti a fungo ad aggancio = 0.5 ML/man. Selettori a manopola - Selettori a leva - Selettori a chiave - Selettori luminosi = 1 ML/man. Pulsanti selettori - Pulsanti temporizzati - Pulsanti luminosi = 1 ML/man. Pulsanti normali momentanei - Pulsanti a fungo momentanei = 3 ML/man.																																																								
TENUTA ALLE VIBRAZIONI	Pulsanti - Selettori - Manipolatori: 15g (20÷500 Hz) IEC 68-2-6 Pulsanti aggancio: 7g (20÷500 Hz) IEC 68-2-6																																																								
TENUTA AGLI URTI	50g IEC 68-2-27																																																								
COLLEGAMENTI	Vite M serrafilo autosollevente < 3 mm _r , 2x1,5 mm _r , τ 1,5Nm																																																								
DIMA DI ASSEMBLAGGIO																																																									

Per versioni in resina caricata vetro far seguire al codice la lettera H
Per combinazioni diverse di contatti rivolgersi alla nostra organizzazione commerciale



Technical specification

COMPLIANCE WITH STANDARDS	IEC 947-5-1. - VDE 0660 - NFC - CEI EN60947.5.1 - UTE - BSI - CENELEC EN 50007
HOMOLOGATION	UL (U.S.A.) - CSA (Canada) - RINA (Italia) - LLOYD'S REGISTER OF SHIPPING (U.K.)
CLIMATIC PROTECTION	Temperate climate cat. 23/50 (DIN 50014) Humid climate cat. 23/83 (DIN 50015) Hot-humid climate cat. 40/92 (DIN 50015) Humid variable climate cat.FW24 (DIN 50016)
TEMPERATURE LIMITS	Functioning: -25°C ÷ +70°C - Stocking: -40°C ÷ +70°C
LEVEL OF OPERATOR PROTECTION	IP65 in conformity with EN60529-4 / IP66 pushbuttons with rubber cap
LEVEL OF TERMINAL PROTECTION	IP2X in conformity with EN60529-4
RATED INSULATION VOLTAGE	690V in conformity with EN60947.1
IMPULSE WITHSTAND VOLTAGE	4kV in conformity with EN60947.1
INSULATION CLASS	C Group in conformity with VDE 0110
ELECTRICAL PROTECTION	Class I in conformity with IEC536
SHORT CIRCUIT PROTECTION	10A gl fuses in conformity with EN60947-5-1
CONTACT FUNCTIONING	Slow action / Silver 1000/1000 - Transparent guard allows visual inspection of wear and movement Autocleaning Forced tripping of the NC contact Double breakage
RATED POWER OUTPUT	Nominal thermal current I _{th} = 10A – Limits of use in conformity with EN60947-5-1 Cat. AC15 (A600) Tens. U _e V 24 48 60 110 220 380 500 600 Curr. I _e A 10 10 10 6 3 2 1.5 1.2 Cat. DC13 (P600) Tens. U _e V 24 48 60 110 220 380 500 600 Curr. I _e A 5 2.7 2 1.1 0.55 0.3 0.22 0.2 Cat. DC13 (Q300) for illuminated push-buttons and selector switches Tens. U _e V 24 48 60 110 220 300 Curr. I _e A 2.5 1.4 1 0.55 0.27 0.2
MECHANICAL DURATION	Control levers - Key push-buttons - Latching mushroom push-buttons = 0.5 ML/man. Knob selector switches - Lever selector switches - Key selector switches - Illuminated selector switches = 1 ML/man. - Selector switch push-buttons - Timed push-buttons Illuminated push-buttons = 1 ML/man. - Normal pulse push-buttons Mushroom pulse push-buttons = 3 ML/man.
VIBRATION RESISTANCE	Push-buttons - Selector switches - Control levers: 15g (20÷500 Hz) IEC 68-2-6 Push-button latching: 7g (20÷500 Hz) IEC 68-2-6
KNOCK PROTECTION	50g IEC 68-2-27
CONNECTIONS	M self-lifting clamping screw < 3 mm ² , 2x1,5 mm ² , ⌀ 1,5Nm
ASSEMBLY DIMENSIONS	

If you require the version in resin treated glass the letter h should follow after the unit code.
For different combinations of contacts please contact our sales office.