

Datasheet

➔ **PXM4M2325-0004** [↗](#)

07/15/2026



Equipment

Pos.	Name	Type	Nameplate	Lens
4	STLI	Pushbutton	BSRRU	T22RRBL
3	STLI	Pushbutton	BSRRU	T22RRGN
2	STLI	Pushbutton	BSRRU	T22RRRT
1	FRVKOO	Emergency-stop	-	-



Base Data

<i>Rated insulation voltage U_i</i>	30 V AC/DC
<i>Continuous thermal current I_{th}</i>	1 A
<i>Rated operating voltage U_e</i>	30 V AC/DC
<i>Rated operating current I_e</i>	1 A
<i>Class of Protection</i>	IP65
<i>Operating temperature</i>	-25°C ... 70°C
<i>Storage temperature</i>	-40°C ... 80°C
<i>Connections</i>	M12 plug, A-coded 5-poles/12-poles
<i>Surge voltage category</i>	2
<i>Degree of pollution</i>	II
<i>Approvals</i>	CE, UL

→ PXM4Z - Housing

<i>Series</i>	Proboxx®
<i>Shock resistance</i>	IK06
<i>Torque mount</i>	0.7 ±0.1 Nm (for countersunk screws according to DIN 7991/ISO 10642)
<i>Torque M12</i>	max. 0.4 Nm
<i>Color bottom part</i>	Dark grey
<i>Color top part</i>	Black
<i>Material</i>	PA
<i>Rubric</i>	Housing

→ STLI - Pushbutton

<i>Series</i>	SHORTRON®
<i>Rubric</i>	Pushbutton
<i>Description</i>	Illuminated pushbutton
<i>Contact type</i>	1NO
<i>Mechanical lifetime</i>	1,000,000 switching cycles



Further technical data on this item can be found in the product data sheet: STLI [↗](#)

Accessories

T22RRBL [↗](#) BSRRU [↗](#)



→ STLI - Pushbutton

<i>Series</i>	SHORTRON®
<i>Rubric</i>	Pushbutton
<i>Description</i>	Illuminated pushbutton
<i>Contact type</i>	1NO
<i>Mechanical lifetime</i>	1,000,000 switching cycles



Further technical data on this item can be found in the product data sheet: [STLI](#)

Accessories

T22RRGN [↗](#) BSRRU [↗](#)



→ STLI - Pushbutton

<i>Series</i>	SHORTRON®
<i>Rubric</i>	Pushbutton
<i>Description</i>	Illuminated pushbutton
<i>Contact type</i>	1NO
<i>Mechanical lifetime</i>	1,000,000 switching cycles



Further technical data on this item can be found in the product data sheet: [STLI](#)

Accessories

T22RRRT [↗](#) BSRRU [↗](#)



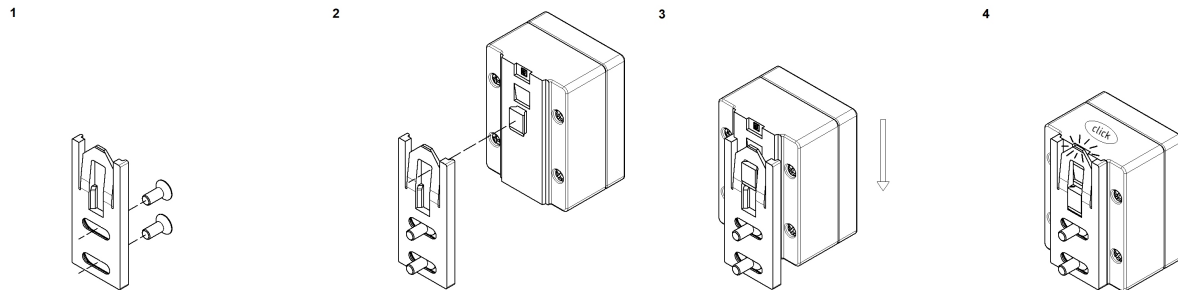
→ FRVKOO - Emergency-stop

<i>Series</i>	SHORTRON®
<i>Rubric</i>	Emergency-stop
<i>Description</i>	Emergency stop
<i>Contact type</i>	2NC
<i>Mechanical lifetime</i>	50,000 switching cycles



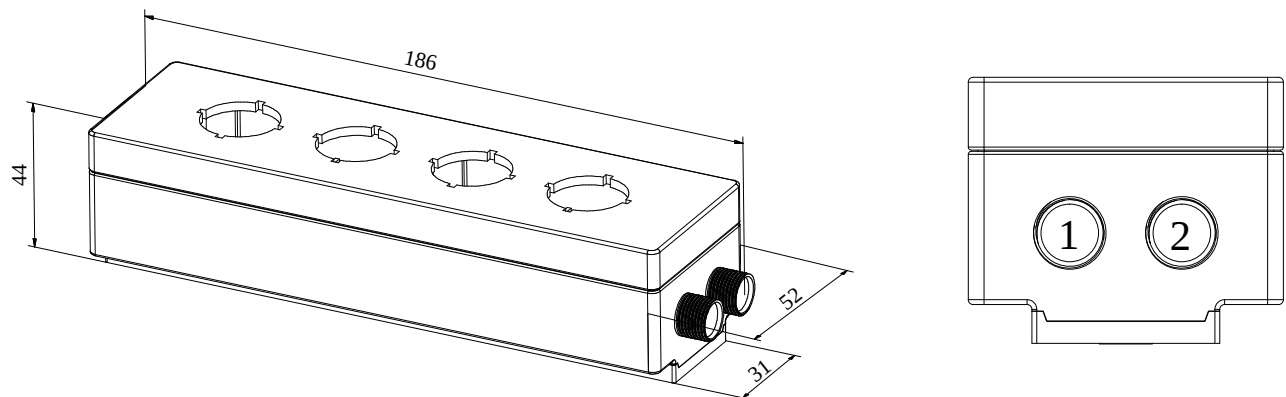
Further technical data on this item can be found in the product data sheet: [FRVKOO](#)

Mounting



The mounting bracket is part of the delivery, the fixing material (screw, slot nuts) is not included. Please use M5 countersunk screws acc. to DIN 7991/ISO 10642 of appropriate length. The tightening torque for the screws to fix the mounting bracket is $0.7 \pm 0.1\text{Nm}$.

Dimensional drawing



Pin assignment

Position	Connection	Contact	Pin	Cable color	Connection designation
4 STLI	1	NO	9	 Red	13
			10	 Violet	14
		LED	11	 Grey/Pink	X1 (+)
			12	 Red/Blue	X2 (-)
3 STLI	1	NO	5	 Pink	13
			6	 Yellow	14
		LED	7	 Black	X1 (+)
			8	 Grey	X2 (-)
2 STLI	1	NO	1	 Brown	13
			2	 Blue	14
		LED	3	 White	X1 (+)
			4	 Green	X2 (-)
1 FRVKOO	2	NC	1	 Brown	11
			2	 White	12
		NC	3	 Blue	21
			4	 Black	22

Connection 1	12 poles	left
Connection 2	5 poles	right

Images



Labeling

Position	Alignment	Left	Center	Right
4	horizontal	-	RESET	-
3	horizontal	-	SYSTEM ON	-
2	horizontal	-	SYSTEM OFF	-
1	horizontal	-	EMERGENCY STOP	-